

Nicholas P. Ramsay

18/15 Erskineville Road, Newtown NSW 2042 | 0404 470 705 | NickRamsay1989@gmail.com |
GitHub: github.com/nick-ramsay | LinkedIn: www.linkedin.com/in/nicholasramsay/
Portfolio: nick-ramsay.github.io

Full Stack Web Developer educated at the University of Sydney Coding Bootcamp. Bachelor of Arts degree with a major in History and a minor in Economics. Skills in HTML, CSS, JavaScript, Node.js, Express.js, MySQL, MongoDB, React.js, and more. Completed Udacity Programming for Data Science Nanodegree with focus on SQL and Python. Extensive experience in information technology including software implementation, business analysis, data analysis, and product design. Designed SQL and implemented workflows to expand the scope of automation within athenahealth's Collector product eliminating over 1.9 million units of manual work per month. Passionate about overcoming challenges and solving problems to develop software solutions that deliver optimal value.

Languages and Technical Skills:

HTML5 | CSS3 | Bootstrap | React.js | JavaScript | jQuery | Node.js | Express.js Regular Expressions | MySQL | MongoDB | Firebase | Command Line | Git | Heroku | Responsive Design | Database Theory

Core competencies include:

Research & Analysis | Problem Solving | Data Analysis | Solution Design | Project Management | X12 EDI Files | Documentation | Teaching & Learning | Software Implementations | Customer Service | Electronic Medical Records | Healthcare Information Technology | Microsoft Office | Communication | JIRA | Agile

PROFESSIONAL EXPERIENCE

INTERSYSTEMS, INC., Sydney, NSW, Australia

Product Specialist

09/2018 – Present

First product specialist hired specializing in Australian statutory reporting for TrakCare EMR. Maintained and optimized existing data extracts while designing new data extracts enabling clients to comply with government reporting requirements for funding. Wrote requirements and specifications for extracts while working with developers to design and test solutions. Managed prioritization of statutory reporting backlog to deliver priority solutions in a timely manner.

Selected Achievements:

- Delivered 1 July 2019 mandatory revisions to Victorian extracts ahead of schedule
- Designed new Victorian Perinatal Data Collection extract for TrakCare's newly introduced maternity module
- Designed new Victorian Birth Submission XML extract for client submission to Victoria Registry of Births, Deaths, and Marriages
- Provided insight to Product and Application Specialists on statutory data requirements that must be met within their modules and workflows
- Consolidated and reorganized pre-existing backlog of hundreds of statutory reporting JIRAs to provide better insight on outstanding issues and immediate areas of priority

ATHENAHEALTH, INC., Watertown, MA, USA

Senior Posting Performance Associate

01/2017 – 04/2018

ERA Automation Associate

06/2014 – 01/2017

Significantly improved operations by automating posting of remittance transactions from 835 formatted Electronic Remittance Advice files; analyze data to identify patterns in file composition; and match composition to insurer's intended transactions. Optimize accuracy and streamline efficiency of all remittance transactions by designing automated posting logic. Wrote proactive queries/workflows to reduce client work and internal unit costs. Innovated workflow and automation enhancements to optimize the athenaCollector product's overall automation, workflows, and efficiency.

Selected Achievements

- Designed SQL and implemented workflows to expand the scope of unpostable routing rules within athenaNet, thereby eliminating 1.9 million units of manual work per month since 07/2016. Helped to train and organize a separate team to begin implementing these new rules.
- Planned SQL and implemented a workflow to optimize remit-claim insurance matching logic that has eliminated more than 125K units of monthly manual work since 07/2016.

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- Built support for and implemented multiple proactive solutions/workflows to shift the team's focus from reacting to, and designing solutions for, escalations to leverage data to proactively flag issues and implement solutions before they affected clients.
- Created complex logic for posting United Healthcare CSA payments to ensure the proper posting of CSA payments and patient responsibility on 1M+ claims thus far.
- Built complex logic for identifying when Medicare, as a primary insurer, made an error forwarding crossover claims to secondary payers to keep clients from having to work on unnecessary denials, thereby saving clients from unnecessarily having to drop 1,695,907 claims thus far.
- Designed SQL to continue measuring volumes and spikes in compliance and formatting violations in EDI files received from insurance companies.
- Promoted to Senior Associate in January 2017
- As a Senior Associate on the Claim Posting Optimization sub team, played a role in leading and guiding newer Associates/Analysts to help them make the best decisions in situations that may be new to them.

MEDITECH, Westwood, MA, USA

Application Specialist, B/AR Electronic Claims

10/2011 – 06/2014

Implemented the electronic claims portion of Billing/Accounts Receivable software with hospitals, including 5010 837 submissions, 5010 835 remits, and State submissions, 270/271 eligibility files, 276/277 CSI files, and 999 acknowledgement formats; met with hospital staff to achieve optimal setups before go-live dates. Assisted client onsite with optimizing software functionality; troubleshoot issues to provide resolutions to customers and input for product development. Provided technical support/service from start date to four months post-live.

Selected Achievements

- Implemented, trained, and supported electronic claim/remittance software for over a dozen hospitals.
- Helped design critical access functionality splitting inpatient and outpatient billing/claims, also trained and implemented first hospital to use functionality (see [link](#)).
- Performed a streamlined, three-month implementation of claims software for a NY pediatric facility.
- Supported/optimized Illinois COMPdata State Data submission to support one of Meditech's largest clients with most robust record volumes.
- Helped support, design, and implement flat-file state data submissions for hospitals in Vermont, Louisiana, and Nebraska

PROJECTS

Crafter | <https://github.com/nick-ramsay/crafter> | <https://crafter-app.herokuapp.com>

- An inventory control, project management, and billing solution for small businesses
 - Designed and wrote code for entire application independently
- React.js, Bootstrap, Express, Axios, MongoDB And Mongoose, React-PDF, React-PDF-Table, Chart.js, JS-SHA256, Moment.js, If-Env

Automender | <https://github.com/nick-ramsay/project-two> | <https://afternoon-refuge-07267.herokuapp.com/>

- Scheduling application enabling customers to book appointments with mechanics who have created profiles on Automender. Mechanics can use Automender to manage appointment schedules.
- Introduced idea for application to group, wrote front-end and back-end code on Mechanic functionality
- HTML5, CSS3, Bootstrap, JavaScript, jQuery, Express.js, Moment.js, MySQL, .ENV, Google Maps API

Bamazon | <https://github.com/nick-ramsay/bamazon>

- Node.js application to be run on terminal acting as customer, employee, and inventory manager software

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- Wrote entire application
- MySQL database, Node.js using Inquirer, MySQL, .ENV, and Table packages

EDUCATION & CERTIFICATIONS

Full Stack Development Bootcamp, University of Sydney, Sydney, NSW, Australia
Bachelor of Arts in History/Economics, University of New Hampshire, Durham, NH, USA
TEFL Certification, TEFL Institute, Chicago, IL, USA
Honors Society, University of Southern Maine, Fall 2007-Spring 2008

COMMUNITY INVOLVEMENT

Volunteer, UNH Circle K, 10/2010-05/2011
Peer Homework Tutor, Gorham High School, Fall 2006 to Spring 2007