

DAVID REED

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PROFESSIONAL EXPERIENCE

- **Software Engineer at Virtyx Technologies** — Quincy, MA *January 2017–August 2017*
 - Developed, tested, and deployed a daemon/service-compatible golang software agent for use with data transfers over HTTP and low-level communication protocols
 - Created and tested front-end dashboard components in AngularJS 2 to coordinate with thematic design principles and streamline the user experience
 - Leveraged Java 8 alongside the Apache common libraries to create and test data parsers.
 - Developed, tested, and deployed RESTful CRUD APIs for software agent data collection, and front-end data retrieval, in Java using the Spring framework.
 - Integrated 3rd-party API calls to facilitate geolocation and metadata gathering
 - Assisted in the creation and expansion of a PostgreSQL database alongside efficient JDBC adapter wrapping.
 - Decreased end-to-end transaction time by 80% through more efficient SQL query usage and faster API data processing.
 - Communicated and coordinated with team members to best architect new systems as customer needs evolved.
- **Office Assistant at Northeastern University** — Boston, MA *October 2015–January 2017*
 - Organized student needs and relayed requests to respective university faculty and staff.
 - Used Microsoft Word and Excel to record and format student and faculty records.
- **Client Systems Tech at Health1 Technologies** — Woostock, VT *October 2014–February 2015*
 - Oversaw 50+ servers for maintenance and error-handling.
 - Created and handled server redundancy systems during high-traffic periods.
 - Corresponded with management to summarize bug occurrences and actions taken to repair services.

EDUCATION

- **B.S. Comp. Sci. and Mathematics Candidate** *Northeastern University* — Boston, MA
Dean's List, 3.4 G.P.A. with Honors *September 2015–Present*

TECHNICAL SKILLS

- **Experienced:** Golang, JavaScript (Node.js and browser), Java, HTML, CSS, git
- **Proficient:** C, Python, PostgreSQL, AngularJS, Spring, GNU Make, Docker, Nginx
- **Familiar:** LaTeX, MySQL, D3.js, Scheme, Shell scripting

CERTIFICATIONS AND HONOR SOCIETIES

- Certified First-Aid Provider
- Certified Open-Water SCUBA Diver