

## Michael Ryan Neas

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Driven, coachable, technology enthusiast, constantly seeking to improve and learn with each task at hand.

Diverse background established around programming, leadership, hard work, and curiosity.

### Education

#### **The University of Connecticut**

*Bachelors of Science* in Engineering

Major: Computer Science & Engineering

GPA: 3.5, Dean's List, GE Paul Krenicki Endowed Scholar 2015

Storrs, CT

May 2016

### Work Experience

#### **General Electric:** 75 Fountain Street, Providence, RI 02902

*Software Engineer*, 2016 - Present

- Developed a cost savings application responsible for up to 1Billion dollars in promised contributions. Currently \$870Million promised and supporting 700+ individual contributors.
- Created System Status, an Ionic application that builds out to IOS, Android, and responsive web platforms. Provides real time notifications to inform executive users of GE system outages.
- Rebuilt Gateway to facilitate 3 and 2 leg authorized connections between Akana client applications and API producers leveraging encrypted Redis token storage and scribe.
- Constructed Scribe, view app logs through an individualized ELK stack for real time analytics.
- Migrated several applications to AWS, resolved issues with GE CMS, major HTTPS conflicts, and implemented penetration testing using Scala to ensure readiness for global company usage.

#### **Fidelity Investments:** 11000 Weston Pkwy, Cary, NC 27513

*Leap, Associate Software Engineer*, 2016

- Reformed dated workflow and inventory tracker with an internal PEAN stack web application.
- Created RESTful and SOAP based web service for an Oracle SQL database using Spring MyBatis.
- Prototyped 4 client side front ends using JavaServer Page's, JQuery, Angular, and C#.

#### **General Electric:** 3135 Easton Turnpike, Fairfield, CT 06828

*ITLP Intern, GE Box Cloud Data Adoption Programmer*, 2015

- Established App User Beta Program: Allowed applications to leverage Box as a main cloud data storage platform globally across GE, onboarding 3 Business Unit test applications in the process.
- Box Metrics dashboard automation: Created 5 dynamic and self-service data visualizations.
- Delivered a quick start developer framework, user adoption documentation for future Box integrations, and enhanced a publically accessible RESTful API for App Users through POSTMAN.

#### **UConn Transportation Services:** 3 North Hillside Road, Storrs, CT 06269-6199

*Web Master and Technology Specialist*, 2014 – 2016

- Developed 30+ PHP scripts to automate historically tedious tasks on a 10+ year old LAMP stack.
- Provided maintenance and applied 40+ feature requests on internal site: driver.uconn.edu
- Redesigned and launched public facing website 5000+ monthly visitors: transpo.uconn.edu

#### **General Dynamics Electric Boat:** 75 Eastern Point Road, Groton, CT 06340

*Data Base and Resource Planning Programming*, 2014

- Collaborated with experienced database programmers to enhance a SAS/COBOL code base.
- Prepared and automated regular manpower planning reports with 5 Visual Basic macros, decreasing the average generation time from 1 day to 30 minutes per request.

#### **Hydra – 3D Printed Prosthetic Arm:** 3dhydra.com

*1<sup>st</sup> place, Unsponsored University Senior Design Project*, 2015 – 2016

- Designed and 3D printed an elbow down prosthetic with an integrated Arduino microcontroller, interfaced through a Bluetooth to Android Application and user configured EMG sensors.

### Technical Skills

- Languages: JavaScript, Python, PHP, JAVA SE 7,8, TypeScript
- Frameworks and Libraries: NodeJS, ExpressJS, Ionic, Angular 1,2, JQuery
- Database Development: MySQL, Oracle SQL, PostgreSQL, indexedDB, MongoDB, MyBatis
- Operating Systems: Mac OS X, Android, iOS, Windows: 7, Linux: Ubuntu, Debian, Puppy
- SDLC: unit, regression, integration testing, git, Stash, Jira, Agile, UML/wireframing