

Hilary A. Lynch
Atlanta, Georgia

KNOWLEDGE & SKILLS:

- Object-Oriented Programming
- Testing & Troubleshooting
- Technical & User Documentation
- Software Development Lifecycle
- Requirements Gathering
- Excellent Communication

TECHNICAL EXPERTISE

Languages: Ruby, Rails, MySQL, Arduino, C++, JavaScript, MATLAB
Communication: Led Cross-Functional Team Projects & Training for Large Groups, Excellent English,

PROFESSIONAL EXPERIENCE

CareerBuilder, Inc.

Software Engineer – R&D API Authentication June 2018 – present
Software Engineering Intern – R&D API Authorization and Authentication Sept 2017 – Jun 2018

- **Technologies used:** Ruby, Rails, Git, Angular, Javascript, MySQL, Docker
- Create APIs and connected user-facing web pages for users to interact with and edit data seamlessly.
- Develop requirements and specifications for tasks that built towards the team’s overall goals.
- Evaluate and implement tasks, collaborating with team members on project goals and tasks.

NeuroSimplicity, LLC

Software Engineer Jan 2017 – present

- **Technologies used:** C++, Gnuplot, Arduino
- Develop C++ application with Chief Product Officer to proof of concept stage.
- Iterate on application versions as new requirements and features are determined.
- Create outputs and graphical views of data collected in real time to iterate on the algorithms.

HubLogix Commerce Corp.

Technical Implementation Lead Oct 2015-Aug 2016

- **Technologies used:** Jira, Confluence, Ruby on Rails
- Worked with development and support teams to build features and resolve support issues.
- Identify and work in code base to identify areas of improvement or sources of support issues.
- Facilitated the development of features that originated with the customer success team.

Medtronic, Inc.

Biomaterials Research and Development Intern Jun 2014-Sept 2014

- **Technologies used:** Matlab, Instron Testing Software
- Worked with the Biomaterials R&D team to study biomaterials used in transcatheter heart valves.
- Iterated on Matlab programs to analyze the stress-strain relationships of biomaterials.
- Performed the mechanical and biochemical testing for the characterization of biomaterials used in heart valve replacements.

Georgia Tech Department of Physics

Teacher’s Assistant - Electromagnetism Aug 2012-May 2014

- **Technologies used:** VPython, Circuits
- Facilitate laboratory sessions and assess the progress of the students in the course with graded quizzes.
- Assist students with set up of circuits and with debugging their VPython code.
- Troubleshoot equipment used in the laboratory sessions.

EDUCATION

Georgia Institute of Technology, Atlanta, GA May 2020
M.S. Computer Science

Georgia Institute of Technology, Atlanta, GA May 2014
B.S. Biomedical Engineering

GPA: 3.66/4.00

Awards: Dean’s List, HOPE/Zell Miller Scholarship, Kemira Scholarship Recipient