

LILY LAU

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EDUCATION

Georgia Institute of Technology

July 2013 - (Expected) May 2018

BS in Computer Science, Concentration in People & Media

GPA 3.8

EXPERIENCE

Rural Sourcing, Inc.

Atlanta, GA

Software Developer Intern

June 2016 - August 2016

- Developed a web form application in Python using the Flask framework
- Developed a browser automation script in Python using Selenium that saved ~\$5000 in licenses
- Worked with MySQL database and AWS EC2

Institute of Nuclear Power Operations

Atlanta, GA

Technical Analyst Co-op

May 2015 - May 2016

- Troubleshoot hardware (computers, laptops, printers) and software
- Worked with VMWare virtual desktops
- Gained customer service and conflict resolution experience

Georgia Institute of Technology

Atlanta, GA

Undergraduate Physics Teaching Assistant

January 2015 - May 2015

- Simulated physics demonstrations using VPython
- Guided students through physics concepts and ideas

SKILLS

Languages

Java • Python
C • JavaScript
HTML • CSS

Frameworks

Bootstrap • jQuery
Flask • Selenium

Development Tools

Git • Android Studio
IntelliJ • WebStorm
PyCharm • Arduino
VIDLE • Logisim
SceneBuilder

Design Tools

PhotoShop • Gimp
InDesign • Balsamiq
OpenScad • InVision
Inkscape • Axure

PROJECTS

Co-Op Website

Individual project to create a responsive webpage for INPO using Bootstrap, jQuery, HTML, CSS, and JavaScript.

GameBoy Advance Games

Written in C using a GameBoy Advance emulator for Ubuntu.

M.U.L.E.

Multiplayer, turn-based game written in Java and using JavaFX and SceneBuilder. Followed an Agile SCRUM development process.

GoBabyGo!

Project that aids children with walking disabilities by modifying a child ride-on car to make it more accessible. Required Arduino re-programming and created a mobile app with Android Studio.

ENGAGEMENTS

Georgia Tech Design Club

Studied UI design principles and practiced using different design tools

{ gt: webdev }

Introduction to both frontend and backend web development

WREK Atlanta, 91.1 FM

Operate Georgia Tech's scheduled radio station programming