

# LILY LAU

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## EDUCATION

### Georgia Institute of Technology

July 2013 - Present

*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
- 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