LILY LAU

llau6.github.io • lilylau@gatech.edu • 770.880.5284

EDUCATION

Georgia Institute of Technology   July 2013 - (Expected) December 2017
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

INPO Website   *March 2016 - May 2016*
Side project to create a responsive webpage for INPO using Bootstrap, jQuery, HTML, CSS, and JavaScript.

GameBoy Advance Games   *November 2015*
Written in C using a GameBoy Advance emulator for Ubuntu.

M.U.L.E.   *August 2015 - November*
Multiplayer, turn-based game written in Java and using JavaFX and SceneBuilder. Followed an Agile SCRUM development process.

GoBabyGo!   *January 2015 - August 2015*
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