Leah Bissey

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# Education

Florida State University, Tallahassee, FL— Computer Science B.S. Grad date: Dec 2020  Minor: Spanish and Physics  Cumulative GPA: 3.63

# Honors and Awards

FSU/NSF S-STEM, FSU Freshmen Scholarship, Fall 2017-Present

Florida Academic Scholars Award Fall 2017-Present

NCWIT Award for Aspirations in Computing Fall 2016

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# Relevant Coursework:

# Software Engineering, Computer Organization 1 and 2 , Data Structures and Algorithms, Object Oriented Programming, Intro to Unix

# Work Experience

Intern, Ascension Works: Orlando, Florida May 2018 – Aug 2018

* Taught over 200 Pre-K though 8th grade students robotics and basic coding skills
* Selected to design and implement over 25 lesson plans and robotics challenges independently during summer camps

# Academic Experience

LeaseLord - Software Engineering Group Project (Web Application) January 2019 – April 2019

* Worked for 12 weeks in a team of five to develop a property management system
* Implemented backend of the application using Django and python to manage databases

Pipeline Simulator - Computer Organization 2 Project February 2019 - March 2019

* Independently programmed in C to create a MIPS 5-stage pipeline simulator
* Simulated up to 100 machine instructions and 32 data words in stage execution
* Implemented hazard mitigation techniques to check for data hazard conditions and forward necessary data to pipeline registers.

# LEADERSHIP EXPERIENCE

Active Member: FSU Women in Computer Science Spring 2018-Present

Leadership Council: All Girls Code Fall 2015-Spring 2017

* Attended and was a panelist at Orlando IBM Conference
* Facilitated an IBM Master the Mainframe Coding Competition coordinating over 100 beginner programmers in completing level 1
* Organized and coordinated over 50 attendees in Orlando Citrus Bowl Parade

Academics Committee Chair: Pi Beta Phi Sorority Fall 2017-Fall 2018

* Implemented study hours and incentive programs resulting in chapter’s GPA rank jump from 12th to 8th

Competitions: IBM Master the Mainframe Fall 2015

# Skills

Programming Languages: C++, C, Java, Python, MIPS Version-Control Tools: Git

Languages: English and Spanish (conversational) Tools: Microsoft Office (Excel, Word and PowerPoint)