Megan Wolf

(904)708-8717 | me@meganwolf.com | meganwolf | meganpwolf

Education

University of Florida *Gainesville, Florida*

BACHELOR OF SCIENCE IN COMPUTER SCIENCE *Aug 2017 - May 2022*

BACHELOR OF ARTS IN ECONOMICS **GPA: 3.97/4.00**

- **Completed Coursework in Majors:** Programming 1 Fundamentals (*Java*), Programming 2 Fundamentals (*C++*), Computer Organization (*ARM*), *Data Structures and Algorithms*, Programming Language Concepts (*Java, Haskell, Prolog*), Software Engineering (*Javascript*), Intermediate Microeconomics, Intermediate Macroeconomics
- **In-Progress Coursework:** *Information and Database Systems*, *Penetration Testing*, *Operating Systems*, Environmental Economics

Work Experience

University of Florida, CISE Department *Gainesville, Florida*

TEACHING ASSISTANT *Jan. 2020 - Present*

- Former teaching assistant for CEN3031 Software Engineering (MERN Stack & Agile).
- Current teaching assistant for COP3502 Programming 1 Fundamentals (Java).
- Taught 3 lab/discussion sections of 30 students each, held weekly office hours, created course lecture slides, and graded student assignment submissions.

Bloom Intelligence *St. Petersberg, Florida*

SOFTWARE ENGINEERING INTERN *Jul. 2020 - Aug. 2020*

- Refactored a Java application responsible for ingesting streamed visit observations from Kafka and classifying those observations histories of individual visits.
- Used Git and Gitlab to manage project workflow and conduct code reviews for merges.

Justia *Mountain View, California*

SOFTWARE ENGINEERING INTERN *Jul. 2016 - Aug. 2017*

- Worked with international teams to design and analyze projects for Justia.com and Oyez.org, publishing. law, codes, and legal articles.
- Utilized Python to build a content management system with relational databases and the Flask framework.

Projects

UF Neurosurgery Web App *UF Department of Neurosurgery*

TEAM PROJECT *Spring 2020*

- Developed web app for UF Neurosurgery department using Javascript, React.js, Node.js, MongoDB, and MaterialUI.
- Created patient management system, appointment management system, calendar view of scheduled appointments with Google Calendar API, text message notifications with the Twilio API, profile and appointment view, and navigation/directionns view with Google Maps API, Google Directions API, and Google Geolocation API.

Pascal Interpreter

CLASS PROJECT *Spring 2020*

- Implemented a parser and interpreter for Pascal using Java and ANTLR.
- Generated abstract syntax trees to represent Pascal language and used visitor design pattern to traverse the tree to interpret code capable of while-do and for-do loops, break and continue keywords, and user-defined procedures and functions.

Discord Bot

PERSONAL PROJECT *Summer 2020*

- Created a Discord bot for chat management and interaction using Javascript discord.js (node.js module).

Skills & Honors

Languages and Tools: Proficient in Java and Python. Working knowledge of C++, JavaScript, SQL, Regular Expressions, HTML, and CSS, LaTeX. Familiar with penetration testing tools and frameworks including Kali Linux, Wireshark, Metasploit, Netcat, jadx, Nikto, BeEF, etc.

Honors: Florida Bright Futures Academic Scholar, University of Florida Honor's Program, The Honor Society of Phi Kappa Phi, Golden Key International Honor Society, St. Johns Country Day School Valedictorian