Caroline M. Umila

Athens, GA 30605 • 470-330-6438 • umila.caroline@uga.edu

EDUCATION

The University of Georgia, Franklin College of Arts & Sciences   May 2022
Bachelor of Science in Computer Science, Certificate in New Media
Minor: Cognitive Science
Overall GPA of 3.97/4.0, Presidential Scholar, Zell Miller Scholarship Recipient

Related Coursework

Software Development, Systems Programming, Web Programming, Intro to Theory of Computing, Intro to Programming, Data Structures, Computer Architecture Organization, Advanced New Media Production, Computing, Ethics, and Society, Evolutionary Computation and Applications, Database Management, Computer Networks, Human Computer Interaction

TECHNICAL SKILLS

Programming Languages: SwiftUI, HTML, CSS, Python, JavaScript, C++, Java, PHP
Operating Systems: Windows, Unix
Database: Blackbaud CRM, mySQL Server, MariaDB Server
Software: Xcode, MS Word, MS Excel, Emacs, GitHub, Maven
Soft Skills: Communication, Flexibility, Attention to detail, Perseverance

WORK EXPERIENCE

UGA Donor Relations & Stewardship Department   May 2019 – May 2022
Student Assistant   Athens, GA
- Construct interactions in the GAIL database relating to relevant data
- Initiate communication with donors to convey gratitude
- Collaborate with a team of four for various events and assist with related tasks day of
- Update spreadsheets and inspect various communications to ensure accuracy

ServiceNow   May 2021 – August 2021
Remote Software Engineer Intern - Platform   Santa Clara, CA
- Devised an extendible profiler to test new builds of a MariaDB server database
- Implemented a command on the company's internal framework
- Developed a program to create querybaskets from CSV files
- Took part in multiple intern hackathons and pitched original ideas to senior engineers

University Housing   December 2018 – September 2019
Desk Assistant   Athens, GA
- Utilized appropriate protocols in addressing and resolving incidents/potential policy violations
- Effectively executed desk procedures including key management, equipment check-out, and access control
- Supported community office staff when needed regarding crises or emergencies while maintaining resident confidentiality

RELEVANT COURSEWORK

New Media Capstone – "Berry Smart"
- Served as lead developer for a team of four teammates to design and showcase a beta app for our client's grant proposal
- Corresponded with clients on a weekly basis to effectively understand their needs
- Utilized Xcode and SwiftUI to develop and launch the app to the IOS app store

New Media Institute
- Produced a personal portfolio, located at carolineumila.com/nmc, documenting projects and curriculum engagement

Web Programming
- Collaborated with a four-person team to create a sample e-commerce website using HTML, CSS, PHP, and mySQL

Evolutionary Computation and Applications
- Implemented a pattern placer evolutionary algorithm aimed at reducing fabric waste with a team of four using python

Software Development
- Designed and implemented a class representing a version of Minesweeper Alpha in Java
- Developed an app using Java/JavaFX that retrieved and displayed album covers from the iTunes API related to a specified query