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SKILLS

Programming: Java, C/C++, Python

Development: HTML/CSS, JavaScript, CAD (SolidWorks), iOS/Android

EDUCATION

University of Massachusetts Amherst

Expected Graduation: May 2025

B.S. Computer Science, Mathematics, Minor in Business

Cumulative GPA: 3.835

Relevant Coursework: Programming with Data Structures, Multivariate Calculus, Introduction to Microeconomics

EXPERIENCE

Microsoft Corporation

Redmond, WA

(Incoming) Explorer (Software Engineering + Program Management) Intern

May 2022 - Aug 2022

- Will be serving in a rotational role to experience the core tech disciplines of both positions listed; responsibilities will include evaluating requirements, estimating costs, and creating and implementing features and services in addition to designing such products with specific developmental technologies and programming languages

BAE Systems

Nashua, NH

Women in Technology (WiT) Program Intern

Oct 2019 - Feb 2020

- Designed and presented weekly projects (e.g. robotics with Mindstorms EV3 software; utilizing breadboards in conjunction with batteries/circuits, AM radios, and motors; simulating tasks involving thermographic cameras and laser guidance technology), in collaboration with 11 other interns, to NH Commissioner of Education and over 100+ BAE employees from the surrounding area

PROJECTS

Bye2Bias, Mock Social Media Platform

Aug 2020 - Jun 2021

- Conducted research on the psychological effects of microaggressions and institutionalized racism to develop (w/ Swift) an app giving voice to those affected by such issues
- Presented design proposal and thesis highlights to ESOL educators and managerial consultants from the NH Department of Education; showcased final project to leading software engineers from the Greater Boston Area and representatives from BAE Systems and OMRON

Automated Agenda Mobile Application

Aug 2019 - Jun 2020

- Utilized Swift and machine learning/natural language processing algorithms to prototype an app that assists students in improving their time management
- Selected by high school to present project work at the National Consortium of Secondary STEM Schools (NCSSS) Student Research Conference at Coast Carolina University

LEADERSHIP

Head of Communications, Voices of Data Science

Oct 2021 - Present

- Design, approve, and publish the organization's publicity materials such as social media posts, sponsorship flyers, and newsletters; fully developed new and current website (HTML/CSS) for the upcoming annual conference

Freshman Class Senator, Student Government Association

Sep 2021 - Present

- Review and process budget requests for over 200 RSOs (Registered Student Organizations) on campus; oversee expenses distributed among SGA-affiliated/networked groups

Chair of Fresh CICS Outreach & Inclusion Committee

Sep 2021 - Present

- Organize events (in conjunction with the Logistics and Publicity committees) to promote diversity and inclusion within the undergraduate CS/Informatics student body at UMass