Jacob Duncan

Web Developer

Seeking a professional position in the tech industry utilizing my relevant experience, technical expertise, and problem solving skills

in linkedin.com/in/jacob-duncan-tech

👿 jacobduncan.me

github.com/jacobduncan00

EDUCATION

B.S. Computer Science Salisbury University (SU)

08/2018 - Present

Additional Research

- Software Engineering Research
- Web Development

GPA: 3.68

 High Dimensional Geometry Research

PROJECTS

SU Math & CS Club Website

- Sole developer of the website for the math and computer science club at Salisbury University
- Used NextJS, React, TailwindCSS
- Deployed at https://math-cs-website.vercel.app

Cryptid

- End-to-end encrypted realtime messaging web application
- Used NextJS, React, ChakraUI, Ably
- Deployed at https://cryptid.vercel.app

Internship Web Portal

- Team leader of team of 4 undergraduates developing a web application for the discovery, acquisition, and completion of an internship for students at Salisbury University
- GitHub and Jira for Team Development
- Responsible for user interface, reliable data-fetching, and organizing daily stand-ups & weekly client meetings

WORK EXPERIENCE

Software Development Engineer Intern Chesapeake Technology International

02/2021 - Present

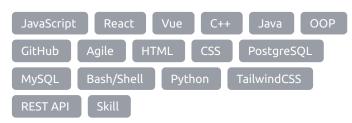
California, MD

Achievements/Tasks

- Live map-sync marker filtering in WEAVR plugin
- Contribute to large Java code-base and learn MonkeyC a proprietary language required for wearable development
- Implement Protocol Buffers for reliable data transfer
- Key contributor to routing feature development to provide precise location tracking on Garmin wearable
- Responsible for quick and efficient solutions to bug fixes and feature development in both Java and MonkeyC
- Collaborate with team members via remote-based development
- Use git to develop in an agile environment

Contact: Cory Pompelia - cpompelia@ctic.us

SKILLS



RESEARCH EXPERIENCE

Salisbury University Undergraduate Research (08/2020 - Present)

Continue development on an exisiting full-stack web application to help identify social identities. Leverage **JavaScript** and **Vue.js** to render data efficiently to the client through dynamic components. Use **MVC** framework with **PostgreSQL** through **Laravel**

LEADERSHIP

Math & Computer Science Club (08/2020 - Present)

Vice President of Math & Computer Science Club

First Year Seminar (08/2021 - Present)

Weekly Computer Science, Math, and Data Science First-Year Seminar Co-Founder and Organizer

HONORS, AWARDS, ACHIEVEMENTS

HackMIT 2021 (10/2021)

Massachusets Institute of Technology Hackathon Project: "Hurricane Damage Detector"

Secretary of Upsilon Pi Epsilon SU Chapter (08/2021 - Present)

Member of Pi Mu Epsilon SU Chapter (08/2021 - Present)

GullCode (SU coding competition) 2021 Winner (04/2021)

Placed 1st out of 11 teams for my schools coding competition

INTERESTS

