

Jacob Duncan

Web Developer

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

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EDUCATION

B.S. Computer Science Salisbury University (SU)

08/2018 - Present

GPA: 3.68

Additional Research

- Software Engineering Research
- High Dimensional Geometry Research
- Web Development

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, Aply
- 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

JavaScript React Vue C++ Java OOP
GitHub Agile HTML CSS PostgreSQL
MySQL Bash/Shell Python TailwindCSS
REST API Skill

RESEARCH EXPERIENCE

Salisbury University Undergraduate Research (08/2020 - Present)

Continue development on an existing 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)

Massachusetts 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

Web Development Web3 GraphQL
Cloud Development TypeScript DevOps