

Jacob Duncan

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EDUCATION

Salisbury University (SU)

B.S. in Computer Science. GPA: 3.682/4.0

Mathematics & Data Science minors

Salisbury, MD

Expected Graduation: May 2022

SKILLS

JavaScript (Node.js, React.js, Vue.js, Express.js), REST API, HTML, CSS, TailwindCSS, Python, C++, C, **Java**, Bash/Shell, **GitHub**, PostgreSQL, MySQL.

EXPERIENCE

Chesapeake Technology International

Software Developer Intern

California, MD

Feb 2021 - Present

- Core developer in WEAVR product effort.
- Key contributor to routing feature development to provide precise location tracking on wearable.
- Deliver live map-sync marker filter for WEAVR plugin on TAK android application.
- Learn and adapt to a large monorepo, mainly written in **Java**.
- Understand and implement Google Protocol Buffers for reliable data transfer from Java to MonkeyC.
- Responsible for **quick and efficient solutions** to bug fixes and feature development in both Java and MonkeyC.
- Efficiently collaborate with team members from across the country, through **remote-based development**.
- Extensively use Git in order to collaborate with 7+ team members.
- Develop in an **agile environment** with bi-weekly sprints.

Salisbury University Undergraduate Research

Software Engineering Research

Salisbury, MD

Jan 2021 - Present

- Continue development on an existing full-stack web application to help identify social identities.
- Leverage **JavaScript** and **Vue.js** to render data efficiently on the front-end through dynamic components.
- Use **MVC** framework to reliably create, update, and deliver data throughout the application.
- Interface with **PostgreSQL** database through the PHP framework, **Laravel**.

Internship Portal Web Application

Software Engineering

Salisbury, MD

August 2021 - Present

- **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.
- Responsible for user interface, reliable data-fetching, and organizing daily stand-up & weekly client meetings.
- GitHub and Linear for Team Development; weekly progress report presentations with client.
- Organize and present weekly & monthly progress update to peers.

LEADERSHIP

Salisbury University

Leadership and Volunteer Positions

Salisbury, MD

August 2020 - Present

- **Vice-President** of Math & Computer Science Club.
- Weekly Computer Science, Math, Data Science First-Year Seminar **Co-founder and Organizer**.
- Sole Developer & Creator of Math & Computer Science Club Website

HONORS, AWARDS, ACHIEVEMENTS

- **HackMIT 2021**: Massachusetts Institute of Technology Hackathon Project: "Hurricane Damage Detector"
- Honor Societies: **Upsilon Pi Epsilon**, Pi Mu Epsilon.
- **Secretary** of Upsilon Pi Epsilon SU Chapter.
- **GullCode (SU coding competition) 2021 Winner**: Placed 1st/11