Josua Hall

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SUMMARY

I am an ambitious international student–athlete at St. Mary's University in San Antonio, Texas, where I am pursuing a Master of Science degree in Computer Science. As a graduate assistant at the university, I share my knowledge and passion for programming by helping students master the Java and C programming languages. With a strong interest in full stack engineering and mobile engineering, I am eager to continue developing my skills and making a positive impact in the tech industry.

EDUCATION

Colorado State University, Pueblo, Colorado, 2022

> **B.S.**, Computer Information Systems, 4.0 GPA;

St. Mary's University, San Antonio, Texas, 2024

> **M.S.**, Computer Science;

> **Graduate Assistant**, teaching students Java and C programming languages

WORK EXPERIENCE

ARBURG, Baden–Württemberg, Germany   March 2016

A German machine construction company, is one of the leading global manufacturers of injection moulding machines for plastics processing.

INTERNSHIP: Technical Product Designer

- Designed construction components with the product– design– software CATIA.
- Worked in a team and completed a project in creating a 3D model draft with CATIA for a small machine component with documentation.

Private Project, Baden–Wuerttemberg, Germany   December 2021

Web Developer

- Developed a responsive personal portfolio website for my father using React.js, CSS and demonstrated expertise in front–end development.

C&O Window and Door, Pueblo, Colorado   January – May 2022

A premier window and door business based in Pueblo, Colorado

INTERNSHIP: Project Manager / Software Engineer

- Designed and implemented an Inventory Management System
- Led a team of 4 students in a scrum project, distributed tasks effectively and held client meetings to ensure project success.
- Developed software using Flask, Jinja2, SQL, HTML, and CSS

Private Project, San Antonio, Texas   January 2022

Web Developer

- Developed a responsive personal portfolio website for myself using React.js, CSS and demonstrated expertise in front-end development.

Private Project, Remote   May – November 2022

Full Stack Web Developer

- Developed a full-stack web application, called Athletia, using the MERN stack (MongoDB, Express.js, React, Node.js) and Redux.

- Implemented an interactive platform for athletic event attendees with a social media-style interface.

- Allowed users to create organizations, manage teams and events, and see other attendees.

- Managed secure authentication and authorization using JSON web-token and password encryption with a hash algorithm.

- Team administrators can invite and manage other administrators, including user notification system.

Private Project, Remote   (on-going) December 2022

Mobile Software Engineer

- Working on the mobile version of Athletia using React Native with features including authentication, tab and stack routing, RESTful API, and database integration.

OTHER INTERESTING THINGS TO KNOW ABOUT ME

Skillset,

- Java, JavaScript, C#, C, Python, SQL, NoSQL, HTML, CSS, React.js, React Native, Redux, Node.js, Express.js, Flask, Jinja2, RESTful API, Linux; Git; Algorithm Design & Analysis, Data Structures, OOP

Multilinguist,

- Native German
- Fluent in English and German
- French (beginner)