Ryan McCauley

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SKILLS

Programming Languages: Java, C++, Go, Rust, Python, SQL & CQL, JavaScript, PHP, HTML & CSS
Technologies: MySQL, MongoDB, Redis, Docker, Apache Cassandra, Redis, Firebase, AWS, GCP, NodeJS, ReactJS, NextJS, Svelte, Bootstrap & Tailwind
Languages: English & Spanish

EDUCATION

Lawton Chiles High School, *High School Diploma* (GPA: 4.57/4.0, SAT: 1540) — Tallahassee, FL — Aug. 2019 – May 2023 (expected)
- Activities: Coding Club (President), Cybersecurity Club (Vice President), VEX Robotics Club (Vice President), Inter Club Council (Webmaster), Mu Alpha Theta (Webmaster), Wharton Investment Club (Webmaster), Lead App Development Club (Lead Developer), Chemistry Club (Secretary)
- Relevant coursework: AP Computer Science A (5), AP Computer Science Principles (4)

Florida State University, *High School Dual Enrollment* (GPA: 4.0/4.0) — Tallahassee, FL — Aug. 2021 – Present
- Activities: ACM International Collegiate Programming Contest Club
- Relevant coursework: COP2258: Problem Solving w/ Object Oriented Programming, CGS3066: Web Design & Programming, CGS3406: Object-Oriented Programming in C++, CGS3416: Java Programming for Non-Specialists

Tallahassee Community College, *High School Dual Enrollment* (GPA: 4.0/4.0) — Tallahassee, FL — Jan. 2022 – Present
- Relevant coursework: COP2220: Introduction to C++ Programming, CGS2100: Microcomputer Applications for Business

Stanford University, *High School Summer College* (GPA: 4.112/4.0) — Online — June 2021 – Aug. 2021
- Relevant coursework: CS106B: Programming Abstractions, CS193C: Client-Side Internet Technologies

EXPERIENCE

F&I Sentinel, Software Engineer — May. 2022 - Present
- Wrote and designed frontend code using VueJS to serve various client needs.
- Maintained and developed backend APIs using .NET Core and deployed using Microsoft Azure.

Mission Mentor, Software Engineering Intern — Feb. 2022 – May 2022
- Member of the Harvard Innovation Labs Venture Program, Harvard Computer Society Builder Incubation Program & MIT Spark
- Worked with a team of developers to create and maintain a student-based mentor startup for thousands of students
- Implemented frontend software logic using ReactJS

Nomja, Co-Founder — Dec. 2020 – Sep. 2021
- Collaborated with other founders to create a business-to-business retail and restaurant software company
- Developed a full-stack web application written with Go, JavaScript & Python and implemented MongoDB, Redis, ReactJS & Twilio that allowed users to manage their accounts

SERVICE

TallyHacks, Founder & Head Instructor — Apr. 2022 - Present
- Created and planned a course curriculum to teach basic Java and Python coding concepts to elementary to high school students

ByteOfJava, Founder — Mar. 2022 - Present
- Created a web app for others to learn Java programming with many practice problems
- Built frontend using Svelte, Tailwind, and Firebase and hosted on Cloudflare Pages.
- Constructed backend using Go and hosted on Google Cloud Run

Helping Hand Tutoring, Web Developer — May 2020 - Present
- Constructed and maintained a web application using JavaScript & ReactJS that allows students to sign up for tutoring sessions for various subjects

Montford Middle School, Teacher Assistant — Dec. 2019 - Present
- Assisted teacher with grading and creating coursework

PROJECTS

Laudate for Papists — Mar. 2022
- Created a mobile app using NextJS, React & Chakra UI that utilized CapacitorJS to built to native mobile code

Wordle Clone [GitHub Link](#)
- Created a Wordle clone using Python for my AP Computer Science Principles create task

SELECTED AWARDS

- **Computer Science:** USA Computing Olympiad (Silver Division, 2020-2021); Carnegie Mellon Informatics and Mathematics Competition (23rd place globally 2022, 45th place globally 2021); Florida State University ACM Programming Contest (1st place Spring 2022, 2nd place Fall 2021, 12th place Spring 2021); Florida Virtual School Coding Competition (1st place, 2021); University of Pennsylvania Philadelphia Classic Programing Contest (19th place, 2021)
- **Spanish:** National Spanish Exam (Silver Medalist Level 4 2021, Silver Medalist Level 5 2022), National Portuguese Exam (Bronze Medalist Level 1 2022)
- **Academics:** US National Chemistry Olympiad National Finalist (2022), AP Scholar w/ Distinction (2021), Capital Regional Science and Engineering Fair (3rd place, 2022), Florida State Science and Engineering Fair Finalist (2022)