Sebastian Sarmiento

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EDUCATION

University of Florida   **August 2021 – May 2024**
Bachelor of Science, Computer Science & Engineering   *Gainesville, FL*
- Magna Cum Laude Honors Student - 3.63/4.0 GPA
- Director of member relations at the Argentine Student Association club.
- Member of Society of Hispanic Professional Engineers (SHPE).

Santa Fe College   **August 2019 – July 2021**
Associate of Arts, Engineering Track   *Gainesville, FL*
- Honors Student - 3.76/4.0 GPA
- Member of Phi Theta Kappa Honors Society.

WORK EXPERIENCE

Amazon   **May 2023 – August 2023**
Software Engineer Intern   *Los Angeles, CA*
- Optimized Prime Video airings quality assurance process by developing a tool that displayed linear content metadata in a calendar format, allowing operators to intuitively navigate and verify metadata more efficiently.
- Integrated the tool into existing internal portal used by QA operators, resulting in savings of 18 work hours per week for operators by reducing the check time for each airing by ~20 seconds.
- Leveraged knowledge in **JavaScript**, **Typescript**, **React**, **Redux**, **Jest** (testing), **Enzyme** (testing) for the front-end, and **AWS** and **Java** for back-end development.

Amazon   **May 2022 – August 2022**
Software Engineer Intern   *Seattle, WA*
- Improved testing efficiency of engineers by designing, developing, and integrating an internal full stack web application tool to launch, monitor, and visualize both canary and load tests for the Amazon Chime SDK.
- Created a design document and collaborated daily with users to get product feedback. Facilitated progress through daily team meetings and developed up to standard quality code reviews.
- Leveraged knowledge in several **AWS** services such as **Lambdas**, **DynamoDB** (NoSQL), **CloudWatch**, and **EC2**. Used **Typescript**, **React**, and **Redux** for the front-end, and **Python** for backend development.

Office Depot   **September 2019 – December 2021**
Computer Technician   *Ocala, FL*
- Diagnosed and repaired computers while providing technical support for both software and hardware issues.
- Informed and assisted customers on technology services and products, both in-person and via phone support.

PERSONAL PROJECTS   *more available at www.github.com/sebassarmiento*

- **Book Exchanger:** Developed a full-stack web application using React, allowing users to sign up, log in, publish books, browse a database, apply search filters, rate books, receive notifications, chat with other users, and arrange book exchanges. Designed back-end API with Node and MongoDB.
- **Image RLE Encoding:** Built a Java app that encodes and decodes images pixel by pixel, and performs transformations such as color changes, rotations, or bending, by modifying each pixel.

ADDITIONAL

- **Skills**: Java, C++, Python, NoSQL, SQL, AWS, Git, JavaScript, React, Typescript, Node, HTML & CSS.
- **Languages**: Fluent in English and Spanish.
- **Relevant courses**: Algorithms & Data Structures, Databases, Computer Organization, Operating Systems.
- Hispanic Scholarship Fund Scholar – Academic years 2021/2022 & 2022/2023 & 2023/2024.
- Classification to Mathematics Olympiads state level in Argentina (2015).
- 1st Place on ESSARP Mathematics Competition – Highschool level Argentina (2014).