

Colby Sanchez Wagenbach

Full Stack Software Engineer

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Summary

Dynamic and versatile professional with a diverse background in cultivating intelligences both human and artificial. Possesses a deep passion for utilizing technology to enhance user experience and drive success in both technical and interpersonal settings. Proven track record of rapid adaptation. Extensive contributions to successful start-up enterprise. Highly motivated individual committed to excellence in all endeavors.

Experience

AI Engineer @ trAilmix

Jan 2023 - Present // Los Angeles, CA

- Utilize principles of prompt design to optimize specific artificial intelligence use-cases
- Integrate front-end application functionality with OpenAI API technologies
- Architect back-end MySQL databases to enhance long-term application performance

Lead Math Teacher @ Success Academy Charter Schools

Aug 2019 - Aug 2022 // Brooklyn, NY

- Established high expectations and motivated students to achieve remarkable growth, as evinced by consistently high test scores and positive feedback from parents and colleagues
- Developed and implemented engaging lesson plans that fostered critical thinking and challenged students to think outside the box
- Piloted a successful network-wide program utilizing the online-learning platform Freckle
- Awarded 2022 Strategic Risk Taker

Grade Team Lead @ Success Academy Charter Schools

Aug 2019 - Aug 2021 // Brooklyn, NY

- Provided mentorship to a team of 3 teachers transitioning from Humanities to STEM education
- Optimized my team's performance through regular coaching and feedback sessions
- Implemented professional development programs utilizing creative teaching methods and technology to enhance teacher effectiveness
- Awarded 2020 ETHOS award recognizing individuals demonstrating excellence, teamwork, humor, ownership, and commitment to scholars.

Associate History Teacher @ Success Academy Charter Schools

Jan 2019 - Jul 2019 // Brooklyn, NY

- Successfully integrated into a rapidly forming middle school community at mid-year
- Managed a classroom of 30+ middle grade scholars
- Exercised exceptional interpersonal skills to build strong relationships with scholars' families to enhance student learning experience
- Contributed to the foundation of a culture committed to excellence
- Awarded 2019 Rookie of the Year
- Promoted to 6th Grade Team Lead/Lead Math Teacher at the completion of the school year

Retail Operations Associate @ Kramerbooks

Oct 2017 - Oct 2018 // Washington, D.C.

- Leveraged in-depth knowledge of literature and customer needs to drive business success
- Hosted off-site events throughout D.C. metro area showcasing notable authors

Skills

Programming Languages

JavaScript (ES6), GraphQL, SQL, Python, CSS/Sass, HTML5, Java, C#, PHP

Libraries & Frameworks

jQuery, React, Node.js, Express, Handlebars, Bootstrap, Tailwind, Sequelize, Mongoose

Tools & Platforms

Git, VS Code, Heroku, Amazon Web Services, Insomnia REST, OpenAI API, MySQL Workbench, MongoDB Compass, Wordpress

Languages

English (native), Spanish (C1), French (A1)

Education

University of California, Los Angeles

2023 // Los Angeles, CA

Certificate of Completion

Full Stack Flex Web Development

The City College of New York

2022 // New York City, NY

Mathematics Department

University of Virginia

2012 - 2016 // Charlottesville, VA

Bachelor of Arts in History

Latin American History Concentration

Bachelor of Arts in Religious Studies

Islamic Studies Concentration

Minor in Philosophy

Undergraduate Organizations

Shakespeare on the Lawn

Spanish Department Theater Group

Latino Students Alliance

Washington Literary Society and Debating Union

Loyola High School, Los Angeles

Class of 2012

Interests

Literature, language exchange, mathematics, online gaming, travel, hiking