Sam Childers

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in sam-childers-239726180

Education

California State Polytechnic University   *Pomona, CA*

BS - Computer Science   Aug. 2021 - May 2023

Relevant Courses: Computer Networks, AI, Database Systems, Cryptography, and Big Data

Citrus College   *Glendora, CA*

AST-Computer Science, AS-Pre-Engineering, AST-Mathematics, AST-Physics   Sep. 2018 - Dec. 2020

Stanford   *Stanford, CA*

Stanford University Summer College Program   Jun. 2016 - Aug. 2016

Technical Skills

Programming   JavaScript, Matlab, C++, C#, Python, Swift, Java, SQL, Dart, Flutter, MySQL, NoSQL-Firebase

Experience with   Photoshop, Office, LaTeX, Adobe Premiere Pro, Arduino, Visual Studio, MS Office

Papers

Transfer-to-Excellence   *UC Berkeley*

      Jun. 2020 - Aug. 2020

[1] **S Childers**, JD Zamfirescu-Pereira, B Hartmann, et al. "The Computational Apprentice: Exploring a New Approach for AI Assistance" *e3s-center.berkeley.edu*, 2021. [Link] (not yet published, however the research was presented)

Projects

- **Web Development: Groups and Griffins** A website made to help people find groups for Dungeons and Dragons. It uses a mix of JavaScript, HTML, and the NoSQL database: Firebase.
  https://groupsgriffons.com

- **App Development: BackgroundBois** An app dedicated to helping users have easy access to dynamic or static backgrounds. It was created primarily using Dart.
  https://youtu.be/QJ6S8YPVD2I

Awards and Honors

May. 2023	**California State Polytechnic University: "Magna cum laude"**	*Pomona, CA*
Dec. 2020	**Citrus College: "Certificate of Achievement "**	*Glendora, CA*
Dec. 2020	**Citrus College: "Graduate of Honors Program"**	*Glendora, CA*

Volunteer Services

Citrus College Rocket Owls   *Citrus College*

Safety Officer   Aug. 2019 - Jan 2020

- Finished participating in the NASA Student Launch competition

FIRST Tech Challenge   *Monrovia, CA*

Mentor   Aug. 2018 - Present

- Mentor of Robotics Teams
- Teach and help aspiring programmers
- Field Technical Advisor - Help troubleshoot issues with robots on competition field

Arduino Internship - California Space Grant Consortium (NASA)   *Glendora, CA*

Intern   Aug. 2018 - Jun. 2019

- Led to a presentation of an Arduino camera machine.

References

- Available upon request