Jonathan Trans

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DETAILED WORK EXPERIENCE

UC Davis   **Davis, CA**
Software Engineer Intern | https://www.ucdavis.edu/   *April 2021 - Present*

I am currently working under **UC Davis Professor Ali A. Dad-del**. We are restructuring the **MAT22AL** (Linear Algebra Computer Laboratory) coursework website through front-end development tools including: **PreTexT, XML, LaTex, HTML, CSS,** and **Python.** Throughout this process, I built web applications in an agile and iterative way using **agile methodologies** and **Git/Github** as a full stack developer / software engineer.

St. John Vianney Catholic School   **San Jose, CA**
Python Code Camp Instructor | https://sjvsj.org/   July 2018 - Present

On an after-school basis, every Friday, programming instructors and I **voluntarily teach** at the **St. John Vianney Catholic School's** classrooms in **San Jose, California, or remotely.** We teach the basic syntax of **Python** and give an introduction to programming and problem-solving through the use of simple algorithms, data structures, functions, classes, simple statements, arithmetic, and boolean expressions, assignment statements, simple input, and output statements (including file I/O).

A Plus Heating & Air Conditioning   **San Jose, CA**
IT Customer Support Representative | https://www.aplusheatingandair.com/   *June 2017 - December 2019*

Interning at A Plus has given me invaluable experience to start off my tech journey. During my time there, I worked closely with other developers and technicians on improving the runtime of machines by putting together orders with support packages or installers for anti-virus programs, as well as OS reinstallation of Window 7 or uninstalling bloatware. Although I did not do much of the hands-on programming, I was able to work alongside a team at a young age and learn from them. Being at A Plus has taught me how to work flexibly and embrace changes in the industry.

- Generated financial reports in **Quickbook** and performed financial analysis on sales by product and inventory orders, as well as installed anti-virus programs, custom fonts, and updates to reduce cyber risk

Company	Watermark
UC Davis **Software Engineer Intern**	
St. John Vianney Catholic School **Python Code Camp Instructor**	
A Plus Heating & Air Conditioning **IT Customer Support Representative**	