

Tanji S. Chávez

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EDUCATION

University of California, Berkeley

Expected December 2019

Computer Science, Cognitive Science (B.A.)

• Relevant Coursework (*In progress):

*Structure&Interpretation of Computer Programs, Data Structures, User Interface, Artificial Intelligence, Algorithms, Computer Architecture, Linear Algebra, Discrete Math&Probability, Software Engineering**

SKILLS

Languages: Java, Python, SQLite, HTML, CSS, Javascript, Ruby,*

*Other: Git, IntelliJ, Jupyter Notebooks, Android Studio, Figma, Photoshop, Illustrator, Ruby on Rails**

EXPERIENCE

Robotics Intern

June 2018-August 2018

Covariance AI, Emeryville, CA

- Helped design/select robotics systems and tested and evaluated simulations

Web Design Intern

June 2017-August 2017

SN&N Electronics, San Jose, CA

- Developed and maintained company website and assisted with implemented of new content.

Web Developer

August 2017-December 2017

Society of Women Engineers Website Committee

- Updated website for the Society of Women Engineers chapter at UC Berkeley.

Lab Assistant

January 2017-December 2017

Structure and Interpretation of Computer Programs, UC Berkeley College of Engineering

- Helped in labs and office hours with difficult Python programming projects and assisted students understand computer science concepts such as recursion and object-orientated programming

PROJECTS

RemindMe!, Java

- Built a to-do list Android application designed for caretakers of assisted-living patients. Offers cloud sync between users and patient profiles for each user.

Database, Java

- Implemented interpreter for a relational database management system in Java from scratch that parsed user input for commands and accordingly modified database. Tested with JUnit.

KNN Classifier, Python

- Built a KNN classifier with a dataset of various songs to cluster data points into various music genres

EXTRACURRICULARS

UC Berkeley CS Scholars

- Selected based on a competitive application process. Program emphasizes promoting diversity in CS field

UC Berkeley Society of Women Engineers

- Help organize and plan a series of events with members of industry to equip engineering students with the knowledge and tools to secure a job or internship