AJAN LORENZ L. ADRIANO

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EDUCATION

Bachelor of Arts, Computer Science & Cognitive Science   May 2020
Minor: Music
University of California, Berkeley
Relevant Coursework:

- Data Structures and Programming Methodology(Java)
- The Structure and Interpretation of Computer Programs (Python, Scheme, SQL)
- Introduction to Computer Programming (MATLAB)
- Discrete Mathematics and Probability
- Machine Structures (C, RISC-V)
- Intro to Computer Science Theory
- Introduction to Artificial Intelligence
- Operating Systems and System Programming
- Introduction to the Internet: Architecture and Protocols
- Introduction to Machine Learning
- Computer Security

Regents and Chancellors Scholar - given to top 1.5 - 2% of incoming students

EXPERIENCE

Technical Intern, Strategic Accounts   June 2019 - Aug 2019
Amazon Web Services

- Collaborated directly with enterprise customers and partners on projects to help them accelerate their business outcomes through the innovative use of the AWS platform
- Worked in Professional Services as a liaison between Solution Architects and major company clientele
- Created an automated cloud architecture that contained a program in python on AWS Lambda that scanned for security compliance and created an audit report for ease of analysis

Course Staff Tutor   Jan 2018 - Present
Electrical Engineering and Computer Science Department, UC Berkeley

- Taught sections of students in CS 61A varying material, such as trees and recursion, in Python, SQL, and Scheme
- Graded projects and created various resources to facilitate the course and aided in other logistics of the course, such as running review sections, creating review worksheets and slides, and reviewing the prototype of the exams
- Helped run labs that required various skills, such as soldering to create circuits that had various purposes, such as a touch screen and audio positioning system for EE 16A

Intern Apprentice Technician   Jan 2016 - Dec 2016, Dec 2017, Dec 2018
LabSmith

- Assembled parts that could be used for various products relating to microfluidics and research
- Inspected Captite ports for quality control, and assembled and created an assembly manual for the LC 880

TECHNICAL SKILLS

Languages: Python, Java, MATLAB, SQL, Scheme, C   **Technologies:** Git, SolidWorks, Auto CAD
Certifications: AWS Cloud Practitioner

PROJECTS

C++ to Python DLL
LabSmith - December 2018

- Used pybind11 to wrap C++ objects and functions to create a python-compatible DLL from C++ code
- Uploaded the DLL onto pypi.org to be installable by users who need the software for the company's tools

EXTRACURRICULAR ACTIVITIES

University of California Marching Band	August 2016 - August 2018
Leadership position: Head of Academic Advising on Secretary's Committee	Jan 2017 - Feb 2018
3D Modeling Club	January 2017 - June 2017
Computer Science Mentors (CSM)	January 2018 - Present
JDM Research, UC Berkeley Haas: School of Business	June 2018 - Present