Timothy Bingtan

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EDUCATION

The Complete Web Development Bootcamp by the App Brewery (Dr. Angela Yu)   Dec. 2021

University of California, Irvine
GPA: 3.23
Bachelor of Science in Software Engineering & **Minor in Management**   Jun. 2019

WORK EXPERIENCE

IT Service Management Engineer – Tata Consultancy Services **|** Rosemead, CA (Remote)   Aug. 2019 – present
- Administered IT configuration management services and operations for a major Southern California utility company within a primary team of 5 personnel.
- Responsible for continuously and reliably serving 1000+ IT employees and managing data integrity for 60,000+ company assets while gaining proficiency in SQL and Microsoft Excel.

Web Developer Internship – Vusar **|** Irvine, CA   Apr. 2019 – May. 2020
- Constructed the company website's homepage and account pages collectively with a team of 6 web developers in an Agile environment using React.js and HTML/CSS.
- Achieved SCRUM tasks consistently every two-week sprints while using industry task management tools and best practices.

ACADEMIC PROJECT HIGHLIGHTS

The App Brewery Projects   Mar. – Dec. 2021
- Created functional websites that include a music studio website, a personal blog page, an interactive to-do list, the Simon game, a playable drum set, and a meet-up webpage for pets. With these projects, I gained fundamental knowledge of HTML/CSS, JavaScript along with industry use libraries, and database programs.

Senior Capstone Project with SAP Innovation Center   Jan. – Jun. 2019
- Developed an Alexa voice-interface application that provides mobile hospital appointment surveys, implemented with the Alexa console and JavaScript. Collaborated with an SAP-sponsored team of 6 UC Irvine software engineering students in an Agile environment.

Medical Image Processing, Analysis and Visualization Software "MIPAV" Plug-in   Sept. 2017 – Mar. 2018
- Assisted the modification process of a specialized Java plug-in for MIPAV in a team setting at the UC Irvine Department of Biomedical Engineering. Built code that analyzed coordinates taken from CT image scans.

Data Structure Assignments (C++)   Sept. – Dec. 2017
- Implemented data structures consisting of linked lists, queues, and hash tables using a custom library through using C++.

Navigation System   Apr. 2016
- Implemented a street navigation interface with the MapQuest API using Python.

Connect Four Expansion   Mar. 2016
- Expanded a sample of the Connect Four game logic into an interface that supports play for multiple players. Leveraged the Python socket library to connect the program to designated game servers online.

SKILLS AND TOOLS

Technical Languages and Libraries
- HTML/CSS, Bootstrap, JavaScript, Node.js, React.js SQL, MongoDB, Java, Python, C++

Technical and Design Tools
- Atom, Adobe XD, Visual Studio, Eclipse, SQL Server Management Studio, Microsoft Excel, Alexa Console, Slack, Jira, Microsoft Teams