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+ IT 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.
- Achieved SCRUM tasks consistently every two-week sprint while using industry task management tools and best practices.

ACADEMIC PROJECT HIGHLIGHTS

The App Brewery Projects   Mar. – Dec. 2021
- Created and enhanced functional web projects based on curriculum from the App Brewery. These works include a blog site, an interactive to-do list, company webpages, a digital instrument, and more.

Senior Capstone Project with SAP Innovation Center   Jan. – Jun. 2019
- Developed an Amazon Alexa voice-interface application that provides hospital appointment surveys on mobile devices. Worked with an SAP-sponsored team of 6 UC Irvine students in an Agile environment.

Medical Image Processing, Analysis and Visualization Software (MIPAV) Plug-in   Sep. 2017 – Mar. 2018
- Assisted the modification process of a specialized Java plug-in for a medical image processing software used at the UC Irvine Department of Biomedical Engineering. Built code that analyzed coordinates taken from CT image scans.

Data Structure Assignments   Sep. – Dec. 2017
- Developed skill in building data structures and algorithms in C++ while using a custom library. These works include data structures such as graphs, linked lists, queues, hash tables, and trees.

Navigation System   Apr. 2016
- Developed a step-by-step street navigation tool that implements the MapQuest API for directional information. Built application using Python.

Connect Four Online   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

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

Technical Tools:
- Microsoft Excel, Microsoft SQL Server, Atom, Adobe XD, Eclipse, Visual Studio, Alexa Console, Slack, Jira