

# Timothy Bington

Rosemead, CA | [timbingtan@gmail.com](mailto:timbingtan@gmail.com) | (707) 334-9937  
[timbingtan.github.io/web-portfolio/](https://timbingtan.github.io/web-portfolio/)

## EDUCATION

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**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

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**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

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**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

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### 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