

# Timothy Bington

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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 provided 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 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

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