

TONY S. YU

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SUMMARY

Goal-oriented, proactive full stack software engineer with a background in financial reporting and data analysis. Experience managing people, building user focused tools, and improving efficiency. Along with empathy, I bring a unique perspective from my prior experiences to engineering team in building innovative and intuitive applications/solutions. My goal is to provide users with positive experiences that make their lives easier.

SKILLS

Technical Skills

- JavaScript (ES6), Node.js, Express, React, Redux, HTML/CSS, JQuery
- SQL, MongoDB, Mongoose
- Python, Django
- RESTful APIs

Soft Skills – Empathy, problem solving, cross-functional team collaboration and management, effective verbal & written communication

PROJECTS

- [Plum & Pear Store and API](#) - Developed MERN e-commerce site with login auth that served both the shop owners and customers. Created Node server API, designed data structure, constructed front-end with React and React router for site navigation. Built user specific shopping cart, ability to “like” the merchandise, and payment functionality.
[React, Express, MongoDB, Mongoose, Node server API, payment API](#)
- [Cello shop inventory management app](#) - Built an inventory management app. Developed RESTful back-end API using Express router and middleware, designed data model using MongoDB. Constructed summary page using EJS template and embedded Google chart API.
[Express, Node.js, MongoDB, Mongoose, EJS, Bootstrap, Google chart API](#)
- [“Wayfayer” travel blog site](#) - Created a responsive blog site using Django framework. Built signup and login modal, universal modal close button, add blog, limiting blog text display, automated welcome email.
[Python, Django, DTL, PostgreSQL, Bootstrap](#)
- [Skin-care review site](#) - Built a product review site in 24 hours by collaborating with UX designers. Created product show page html/EJS template. Designed RESTful API with [Express, Node.js, MongoDB](#)
- [Responsive online game](#) - Created a fast-paced game inspired by 90’s Tamagotchi game. Constructed responsive web page with HTML/CSS and plugin. Developed game algorithms using JavaScript.
[JavaScript, jQuery, HTML, CSS](#)
- [Plum & Pear tech career path site](#) (personal project, May 2020) - Created a site that used plain vanilla JS to create a responsive carousel with cards of various widths. [JavaScript, HTML, CSS](#)
- **Personal Spotify music list update** (personal project, Apr 2020) - Created web app algorithms using React to pull & update playlist via Spotify API.
[React, JavaScript, Spotify API](#)

EXPERIENCE

General Assembly Immersive Program, San Francisco, CA

Jun 2020 – Sep 2020

Full Stack Software Engineer

- Developed and designed applications using programming best practice, technical knowledge (JavaScript, React, Python, Node.js, MongoDB, SQL, etc.), and optimizing code.
- Leveraged project management and leadership skills along with Agile Development principles to ensure applications are completed on time and met the requirements.
- Completed over 600 hours of programming, projects, and expert-led instruction; gained a working knowledge of software development technologies.

Silicon Valley Bank, Santa Clara, CA

Feb 2015 – Feb 2020

Director of Client Funds Analysis and Insights

- Responsible for reporting analyses of \$150 billion clients' funds including tracking pre-IPO and IPO of technology and life-science industries, product trend, performance, and funding impact
- Slashed processing time in half (3 weeks to 1.5 weeks) by reengineering process flow and practicing Agile Development principles.
- Developed an action driven, user focused UX reporting tool for executives and sales teams by leading and collaborating closely with product and software development teams.

Manager of Asset Liability Management

Sep 2009 – Jan 2015

- Improved managed function by implementing new planning software application, providing deeper analyses, engaging staff through technical mentoring, and reducing IT support response time.
- Developed and improved dashboards effectiveness by partnering with stakeholders, software development, portfolio, and product teams.
- Effectively communicated analysis and translated technical results to senior management.

JP Morgan Chase, Seattle, WA

Jan 2005– Apr 2009

First Vice President

- Responsible for \$300 billion monthly balance sheet modeling process and financial risks.
- Slashed modeling software enhancement turnaround time by 14 days through actively partnering and engaging with stakeholders.
- Directed modeling software development testing plan to be complete on time; developed testing that included optimizing code, functionality, and database.

EDUCATION

General Assembly, Software Engineer Immersive Program (Jun – Sep 2020)

University of California at Berkeley, completed coursework for M.S. Nuclear Engineering

University of California at Berkeley, B.S. Nuclear Engineering