

TONY S. YU

San Mateo, CA
650-585-2194

xTonyYu@gmail.com
xtonyyu.github.io/portfolio
github.com/xTonyYu
linkedin.com/in/xtonyyu/



SUMMARY

Goal-oriented, proactive full stack software engineer with a background in business reporting and analysis. Experience managing people, building user focused tools, and improving efficiency. Along with empathy, I leverage my analytical skills and cross-functional collaboration experiences to build innovative, intuitive applications/solutions. My goal is to provide users with positive experiences that make their lives easier.

SKILLS

Technical skills:

JavaScript (ES6)	Django	MongoDB
HTML / CSS	Python	Mongoose
Express	SQL	Vue.js
Node.js	JSX	AngularJS
RESTful APIs	jQuery	Windows
React	Bootstrap	iOS

Soft skills:

- Empathy
- Analytical thinking
- Cross-functional team management
- Effective verbal & written communication
- Harmonious collaboration
- People management

PROJECTS

- [Plum & Pear Store and API](#) - Built a MERN full stack e-commerce site that served both the customers and shop owners. [React](#), [Express](#), [MongoDB](#), [Mongoose](#), [Node server API](#), [Stripe payment API](#)
- ["Wayfayer" travel blog site](#) - Created a responsive full stack blog site with a team of four developers. [Python](#), [Django](#), [PostgreSQL](#), [Bootstrap](#)
- [Cello shop inventory management app](#) - Built a full stack inventory management app. [Express](#), [Node.js](#), [MongoDB](#), [Mongoose](#), [EJS](#), [Bootstrap](#), [Google chart API](#)
- [Skin-care review site](#) - Built a product review site in 24 hours by collaborating with 2 designers and 2 developers. [Express](#), [Node.js](#), [MongoDB](#), [Mongoose](#), [EJS](#), [Bootstrap](#)
- [Responsive online game](#) - Create a fast-paced game inspired by 90's Tamagotchi game. [JavaScript](#), [jQuery](#), [HTML](#), [CSS](#)
- [Plum & Pear tech career path site](#) (personal project, May 2020) - Created a prototype 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 to pull & update playlist via Spotify API. [React](#), [JavaScript](#), [Spotify API](#)

PROFESSIONAL EXPERIENCE

General Assembly Immersive Program

Jun 2020 – Aug 2020

Full Stack Software Engineer - General Assembly, San Francisco, CA

Built applications independently as well collaborated with developers and designers. Leveraged project management and leadership skills to ensure applications are completed on time and meet the requirements. Completed over 400 hours of expert-led instruction, gained a working knowledge of front & backend software development technologies (JavaScript, React, Python, Node.js, MongoDB, SQL, etc).

Client Funds Analysis and Insights

Feb 2015 – Feb 2020

Director - Silicon Valley Bank, Santa Clara, CA

Responsible for reporting and analyzing \$150 billion clients' funds including innovative economy pre-IPO and IPO tracking, historical business trend analysis, market funding impact analysis, monthly executive product performance report

- Slashed processing time from 3 weeks to 1.5 weeks by practicing Agile principles and reengineered process flow.
- Built an end-user focused interactive report that is action driven and served both executives and sales teams; led and collaborated closely with businesses and technical teams.
- Effectively presented performance analysis and translated technical results to senior management, executives, and federal regulators.

Asset Liability Management and Financial Analytics

Sep 2009 – Jan 2015

Manager - Silicon Valley Bank, Santa Clara, CA

Managed \$32 billion balance sheet and financial analytics functions including strategic planning scenario analysis, functional policy enhancements, historical product trend analysis, model development and enhancement.

- Improved the managed functions through implementing new forecasting system, enhancing the level of the analyses, expanding the area of analyses, and engaging staff through mentoring.
- Reduced IT support response time and improved dashboards effectiveness by collaborating and partnered with various functions (IT, portfolio, deposit product teams, and various stakeholders).
- Developed various dashboards to explain company and product trends and projections for executives and quarterly earnings call

Balance Sheet Analysis

Jan 2005– Apr 2009

First Vice President - JPMorgan Chase (formerly Washington Mutual), Seattle, WA

Responsible for \$300 billion balance sheet modeling process, strategic business scenario analysis, key driver sensitivity analysis, interest rate risk, and reporting.

- Slashed system enhancement turnaround time by 14 days through actively partnering with segment business managers.
- Coordinated and managed monthly forecasting process; optimized the process and model for multiple objectives; developed and implemented various income driver sensitivity metrics.
- Led and developed a team of five analysts with various skill levels.
- Directed testing plan for company's modeling system upgrade to ensure technology and database team tested all aspects of upgrade within target timeframe.

EDUCATION

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

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

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