

LinkedIn: [linkedin.com/in/jttyeong](https://www.linkedin.com/in/jttyeong)

GitHub: github.com/jttyeong

Portfolio: jttyeong.github.io

> LANGUAGES AND TECHNOLOGIES

- **Proficient:** Python, JavaScript, Flask, Node.js, Express, SQL, PostgreSQL, MS SQL Server, Scrapy, Git, Jekyll, jQuery, HTML5, CSS3, Sass, Semantic UI, Liquid, EJS, Jinja2, Salesforce, Jira
- **Exposure:** Django, Vue.js, Ruby on Rails, AWS (EC2, S3, EB), PostGIS, Splunk, Photoshop, Ubuntu Linux, Nginx

> PROFESSIONAL EXPERIENCE

OmniBuilds | Software Engineer | San Francisco, CA | [live](#) 2017 - Present

- Created image carousel for “GitHub-like” versioning tracking tool for hardware engineers utilizing JavaScript, Vue.js, Semantic UI, HTML5, and CSS3, for users to identify project or project component 2X faster.
- Re-built readme document into fully-customizable [help site](#) with navigation using Jekyll, HTML5, CSS3, Sass, and GitHub Pages, projected to decrease help inquiries by 50%.
- Implemented search feature for help pages with JavaScript, HTML5, CSS, and Sass, designed to help engineers resolve software related issues 2X faster.

Advisory Board Company | Senior Business Analyst | San Francisco, CA 2014 - 2016

- Developed scripts to revise survey logic using JavaScript, saving Kaiser Permanente over 160 hours and more than \$16,000 per quarter in manual data entry costs.
- Improved data quality by 25% simultaneously for 8 client projects managing combined budgets of \$1.6 million through MS Excel data manipulation and MS SQL Server data management.
- Performed root cause analysis and located data calculation error in 7-day data analytics and reporting system using Salesforce and Jira, leading to enhancement being pushed to production very next sprint cycle.

Bracket | Software Project Manager | San Francisco, CA 2011 - 2013

- Saved clients over \$10,000 per project by recommending implementation approach after partnering with tech team to analyze feature development costs.
- Identified high-risk areas and build directives for engineering team to reduce production incidents by > 30%.

> EDUCATION

University of California, Berkeley, Bachelor of Arts in Molecular and Cell Biology 2008

> SIDE PROJECTS

PyBay | Front-End Software Engineer | [live](#) | [code](#) 2017

Informational and ticketing Django web app built for speakers and attendees of annual Bay Area Python conference.

- Redesigned HTML5 and CSS3 front-end navigation menu, page styling, and content and added Google Maps for conference locations, which improved user experience and reduced support questions by 90%.
- Increased page views by 5% and attendance at workshops by 35% with marketing outreach with Photoshop.

Smile More, Donate More :) | Software Engineer | [live](#) | [code](#) 2017

Extension that simplifies charity donation process with Amazon by automatically redirecting shoppers to AmazonSmile.

- Built extension with JavaScript, HTML5, and CSS3 to eliminate 100% of need for users to visit AmazonSmile.
- Streamlined support channels and saw 170% increase in online exposure by building support site using HTML, CSS, JavaScript, Node.js, Express.js on Nginx and AWS (EC2, S3).

Investable | Software Engineer | [live](#) | [code](#) 2017

Platform to help individuals find real estate that they can buy and rent for a profit.

- Architected system and data schema in Python, Flask, JavaScript and PostgreSQL with Zillow API integration to create site and web crawlers saving users 15+ minutes per home search to calculate profitable rentals.
- Integrated database with GIS latitude/longitude points using PostGIS and GeoAlchemy2, resulting in up to 50% faster distance calculations between homes and rentals.
- Increased speed of application responses by more than 4X by optimizing SQL queries and AJAX calls.

> LEADERSHIP + AWARDS

Raised over \$3,000 and completed a 7-day, 545-mile bicycle ride from SF to LA, AIDS Lifecycle 2011