

Arthur Liou

(510) 358-9725

artliou@berkeley.edu

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

github.com/artliou

PROJECTS

Premiere | Movie Recommendations

- Designed & implemented dual-database architecture with MongoDB/Postgresql to optimize performance & scalability while allowing relational data modeling
- Built a machine learning algorithm providing user recommendations
- Utilized Cron jobs to optimize data processing & integrity

Wanderly | Travel Planner

- Created an intuitive UI based off a UX prototype with React & CSS3
- Integrated geolocation-based searching to display hotels & restaurants with dynamically color-changing markers utilizing Google Maps API
- Used test-driven development to build iterations and improvements

ArrivaChime | Social Media Navigation Notifications

- Customized Google Maps Direction API to integrate with Twilio's API to track location & travel time until the optimal time to send SMS notifications to friends

Barrens | Geo-location Chat App

- Defined geo-spatial regions in Postgres with PostGIS so users automatically update locations and see area-specific messages as they move to different areas

Gitlet | Mini Git Control System

- Recreated a mini version-control system of Git including commands for init, add, commit, rm, log, find, checkout, branch, rm-branch, reset, and merge

EXPERIENCE

Wahl & Case, San Francisco | Associate, Technical Team | 2016-2017

- Led an initiative to develop Wahl & Case's 2017 US business strategy using analytics & data-driven decision making that led to the US being the best performing business unit in 2017
- Managed full-cycle candidate-focused recruiting for 10+ tech startups within eCommerce, FinTech, AdTech, SaaS
- Partnered with tech startups around the Bay Area to build and grow their engineering and product teams
- Solely handled 3 profitable business partnerships by closely consulting and advising with 5 hiring managers
- Expanded Wahl & Case's engineering network by 1000 engineers from focusing solely on US technical roles

Kohl's Digital, Milpitas | Product Management Intern, Web eCommerce | 2015

- Brought expanded shipping options (ESO) to Kohls.com by writing & managing multiple user requirements
- Worked cross-functionally between engineering, business, and design teams in an Agile development environment
- Sought 10 third-party Marketplace Vendors to partner with Kohl's Marketplace by performing market research
- Optimized all 4 omnichannels' search experience by analyzing Kohl's search algorithms with Omniture

Cal Dining, Berkeley | Retail Marketing Assistant | 2013-2016

- Spearheaded my own green project initiative that cut Cal Dining Marketing costs by approx. 25% within 2 months
- Wielded Photoshop and Illustrator to drive and design advertising at each campus restaurant
- Merchandised signage design for all UC Berkeley's on campus food restaurants.

EDUCATION

Hack Reactor Advanced Software Engineering Immersive | 2017

Univ. of California, Berkeley | 2016

Major | Legal Studies

Minor | Industrial Engineering &

Operations Research (IEOR)

Certificate | Tech Entrepreneurship

TECHNICAL SKILLS

Strong: Javascript (ES6), HTML5/CSS3, React, Node/Express, MongoDB, Mongoose, MySQL, PostgreSQL

Experienced: Python, Java, C++, Scheme, jQuery, Angular, Backbone

Tools: Github, Chrome Dev Tools, Jira, Trello, Digital Ocean

OTHER PROJECTS

• Chess Rating Calculator | Python

• Marketplace: Shopping Cart

Application | React, Node, MongoDB