

SHASHANK BHARGAVA

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EMPLOYMENT

- Blend** **Data Engineering Intern** **5/2017 – 8/2017**
- Designed logging infrastructure and ETL system for monitoring actions throughout the front-end.
 - Analyzed front-end logs to discover pain points throughout user experience with Blend's mortgage application.
 - Created SQL dashboards for company-wide growth metrics.
- Slack** **Application Engineering Intern** **5/2016 – 8/2016**
- Led backend engineering on platform calls, providing a native UX using calls interfacing with third-party services.
 - Launched API to support manipulation of custom profile fields within the application.
 - Improved several integrations and plugins for services such as JIRA, Google Hangouts, and Zoom.
- Daily Cal Newspaper** **Projects Developer** **9/2015 – 5/2016**
- Analyzed housing data using NumPy and Jupyter to determine unique pricing regions within Berkeley.
 - Created interactive visualizations to allow for exploratory analysis of data findings.
 - Wrote articles to describe the conclusions of our work to the UC Berkeley community.
- Nestio** **Software Engineering Intern** **5/2015 – 8/2015**
- Designed API for real-time updates to syndication of Nestio listings to Zillow, Trulia, and HotPads.
 - Worked with Stripe API to improve payment processing user experience for clients.
 - Collaborated with clients to tailor products to the needs of customers.

EDUCATION

- University of California, Berkeley** **Expected Graduation: 12/2017** **GPA: 3.3**
- **Pursuing Bachelors in Computer Science & Statistics**
 - **Relevant Coursework:** Cutting Edge Web Technologies, Machine Learning, Game Theory, Artificial Intelligence, Data Structures, Algorithms, Discrete Mathematics, Time Series, Concepts in Computing with Data.

TECHNICAL EXPERIENCE

Projects

- **3ball.io.** Helped build searchable basketball highlight engine generating 1 million pageviews a month. Javascript.
- **BitCoffee.** Built an Internet of Things coffee machine that makes coffee via Bitcoin payment. C, Python, Javascript.
- **YikHak.** Created bot for upvoting, downvoting, and posting YikYaks by reverse engineering the YikYak API. Python.

ADDITIONAL EXPERIENCE AND AWARDS

- **Fellow, KPCB Fellowship.** Selected to be a Kleiner Perkins Caufield & Byers Fellow for summer 2016.
- **Founder & Director, Cal Hacks.** Led logistics and sponsorship for two of the largest collegiate hackathons ever.
- **Fellow, HackNY.** Attended workshops and talks led by leaders in the New York tech community.
- **Reader, CS 70.** Graded and tutored students in discrete math and probability theory.
- **Member, Poker at Berkeley.** Played weekly games of poker with some of the top players at UC Berkeley.
- **Coordinator, Kairos Society Bay Area.** Organized events to bring Stanford and Berkeley entrepreneurs together.

SKILLS AND INTERESTS

- Programming Languages:** Python, PHP, JavaScript, HTML/Jade/Handlebars, Scheme, Java, R, C.
Tools: Django, PostgreSQL, Flask, Node.js, MySQL, MongoDB, React, Express, GIS, Angular, JQuery.
Interests: Sabermetrics, Sailing, Poker, Journalism, Public Policy, Podcasts.