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SHASHANK BHARGAVA

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EMPLOYMENT

Data Engineering Intern	Blend Labs	5/2017 - Present
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- Created logging infrastructure and ETL system for monitoring actions throughout the front end.
- Analyzed front-end logs to discover pain points throughout user flow.
- Created SQL dashboards for company-wide growth metrics.

Application Engineering Intern	Slack	5/2016 – 8/2016
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- Led backend engineering on platform calls, providing a like-native experience using calls interfacing with third party services.
- Launched API to support getting and setting of custom profile fields on Slack.
- Worked on several integrations between third party services and Slack.

Projects Developer	Daily Californian Newspaper	9/2015 – 5/2016
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- Performed data analysis on data relevant to the UC Berkeley community and writing about how it matters.
- Analyzed data using NumPy and IPython, created visualizations in D3.js, and created web applications using Flask.

Software Engineering Intern	Nestio	5/2015 – 8/2015
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- Wrote API for real-time updates to syndication of Nestio listings to Zillow, Trulia, and HotPads.
- Worked on various smaller projects using a stack of PostgreSQL, Django, and Backbone.js.
- Worked alongside clients to tailor products to the needs of customers.

EDUCATION

GPA: 3.3	University of California, Berkeley	Expected Graduation: 12/2017
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- **Pursuing Bachelors in Computer Science & Statistics**
- **Undergraduate Coursework:** Cutting Edge Web Technologies, Machine Learning, Statistics, Game Theory, Artificial Intelligence, Data Structures, Algorithms, Probability, Discrete Mathematics, Data Science, Databases, Linear Algebra & Differential Equations, Structure and Interpretation of Computer Programs, Concepts in Computing with Data.

TECHNICAL EXPERIENCE

Projects

- **3ball.io** Helped build searchable basketball highlight engine generating about 1 million pageviews a month. Javascript.
- **BitCoffee.** Built an Internet of Things coffee machine that can make 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. Working at Slack.
- **Founder & Director, Cal Hacks & Cal Hacks 2.0.** Helped manage logistics and sponsorship for two of the largest student run hackathons ever. Both Cal Hacks and Cal Hacks 2.0 had over 1,500 attendees.
- **Fellow, HackNY.** Selected by hackNY as a Fellow for summer 2015. Worked at Nestio as part of the fellowship.
- **Reader, CS 70.** Helped grade and tutor 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.

PROGRAMMING LANGUAGES AND TECHNOLOGIES

Proficient: Python, PHP, Javascript, HTML/Jade/Handlebars, Scheme, Java, R, C. Prior Experience: Ruby.

Tools: Django, PostgreSQL, Flask, Node.js, MySQL, MongoDB, React, Express, GIS, Angular, JQuery.