

2601 Warring Street
Building 8, Room 108
Berkeley, CA 94720

SHASHANK BHARGAVA

(908) 552-8487
sbhargava@berkeley.edu

EMPLOYMENT

- | | | |
|--|-------------------------------|------------------------|
| Software Engineer Intern | Nestio | 5/2015-8/2015 |
| <ul style="list-style-type: none">• 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. | | |
| Full Stack Software Engineer | Forward Philly | 2/2014 – 8/2014 |
| <ul style="list-style-type: none">• Designed web applications atop a stack of MongoDB, Node.js, and Express• Reproduced maps of Philadelphia using PostGIS and Node.js with data from Open Data Philly Initiative• Wrote scripts used for upload to MongoDB and Salesforce | | |
| All-Purpose Intern | LoadStar Sensors, LLC. | 6/2013 – 7/2013 |
| <ul style="list-style-type: none">• Designed cross-platform software for sensor communication in Java.• Handled phone calls, production of sensors, and designing sensor software | | |

EDUCATION

- | | | |
|--|---|----------------------------------|
| Berkeley, CA | University of California, Berkeley | Expected Graduation: 2017 |
| <ul style="list-style-type: none">• Pursuing B.A. in Computer Science & Statistics• Undergraduate Coursework: Probability, Discrete Mathematics, Data Structures & Algorithms, Cutting Edge Web Technologies, Linear Algebra & Differential Equations, Structure and Interpretation of Computer Programs, Concepts in Computing with Data | | |

TECHNICAL EXPERIENCE

Projects

- **Gitlet.** Created miniature version of Git that implemented features such as commit, checkout, rebase, merge, and more. Java.
- **WordNet.** Created a miniature version of Google's NGram viewer (<https://books.google.com/ngrams>). Java.
- **Sentiment Analysis.** Created web app that, via Facebook Graph API, performed sentiment analysis on Facebook messages to decipher sentiment towards different topics of conversation with different people. Javascript, NodeJS, MongoDB, Mongoose.
- **BitCoffee.** Built an Internet enabled coffee machine with a Raspberry PI that can make coffee via Bitcoin transfer. C, Python, Javascript.
- **YikHak.** Created bot for upvoting, downvoting, posting, and deleting YikYaks at colleges across the country by reverse engineering the YikYak API. Python.
- **Scheme Compiler.** Built a compiler for the Scheme functional programming language. Python.

ADDITIONAL EXPERIENCE AND AWARDS

- **Fellow, HackNY.** Selected by hackNY as a Fellow for summer 2015. Worked at Nestio as part of the fellowship.
- **Director, Cal Hacks.** Managed external communication & workshop organization for 1,500 student intercollegiate hackathon held at UC Berkeley, the largest collegiate hackathon ever.
- **Fellow, Kairos Society.** Fellow at Bay Area Kairos Society. Empowering students to try to solve tomorrow's problems through companies and technology enterprise.
- **Second Place, Pilot Philly Hackathon.** Won second place overall for AutoFlip.
- **Whisper API Prize, HackTech.** Won Whisper API prize for Anycdote.

PROGRAMMING LANGUAGES AND TECHNOLOGIES

Proficient: Python, Javascript, HTML/Jade/Handlebars, Scheme, Java, R. Prior Experience: Ruby, PHP
Tools: Git, Django, PostgreSQL, Flask, MongoDB, Mongoose, Salesforce, Express, GIS, JQuery, Node.js, Meteor, MySQL.