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Building 8, Room 108
Berkeley, CA 94720

SHASHANK BHARGAVA

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EMPLOYMENT

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|--|-----------------------------------|------------------------|
| Full Stack Software Engineer | Forward Philly | 2/2014-Present |
| <ul style="list-style-type: none">Designed web applications atop a stack of MongoDB, Node.js, and ExpressReproduced maps of Philadelphia using PostGIS and Node.js with data from Open Data Philly InitiativeWrote scripts used for upload to MongoDB and Salesforce | | |
| Software Development Intern | Y-Prime Technologies, LLC. | 7/2013 – 9/2013 |
| <ul style="list-style-type: none">Developed internal project management and communication software in Ruby on Rails | | |
| 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

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

TECHNICAL EXPERIENCE

Projects

- 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.
- AutoFlip.** Created android app for presentation notecards that flipped cards automatically based on voice recognition. (Second Place, Pilot Philly Hackathon.) Java.
- Anycdote.** Created web app that showcased the heartbeat of every city by integrating a text to speech with Whisper, narrating the Whisper based on geolocation. Ruby on Rails.
- 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

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