

MATTHEW C. LEE

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EDUCATION	UNIVERSITY OF CALIFORNIA, BERKELEY B.A. Mathematics GPA 3.855/4.0	Berkeley, CA August '14 - Present
EXPERIENCE	ZUMIGO - Mobile location and identity API provider SOFTWARE INTERN <ul style="list-style-type: none">• Prototyped a new method to support mobile carrier header enrichment over SSL encrypted calls to our APIs• Prototyped three methods to allow Android phones to access our APIs over cellular data when connected to wifi• Prototyped SSL encryption config and usage for our Nginx servers and APIs• Wrote script to update our internal SSL certifications to allow access to our clients' APIs FABRIK - Team management integrated messaging app SOFTWARE AND PRODUCT DEVELOPMENT INTERN <ul style="list-style-type: none">• Contributed heavily to the codebase, including writing our entire chatroom creation process (Ruby on Rails backend, Angular + Ionic frontend)• Conducted user studies with Stanford and Berkeley student organization leaders and mapped out team management needs for these groups• Used user studies to define feature specs, metrics, and product development timeline• Published app on web, iOS, and Android and tested with a Stanford student organization ROSS MATHEMATICS PROGRAM - Intense and highly selective 6 week math camp COUNSELOR <ul style="list-style-type: none">• Mentored and graded proofs for 5 Number Theory and Abstract Algebra students• Proof-based coursework in Linear Algebra and Miscellaneous Advanced Topics JUNIOR COUNSELOR <ul style="list-style-type: none">• Assisted first-year students in their coursework• Proof-based coursework in Elliptic Curves and Ergodic Theory FIRST-YEAR STUDENT <ul style="list-style-type: none">• Proof-based coursework in Number Theory and Abstract Algebra	San Jose, CA May '16 - August '16 Palo Alto, CA May '15 - September '15 Columbus, OH June '14 - July '14 June '13 - July '13 June '12 - July '12
COURSEWORK	UNIVERSITY OF CALIFORNIA, BERKELEY <ul style="list-style-type: none">• Algorithms• Data Structures• Combinatorics• Abstract Algebra• Honors Complex Analysis• Second Course in Abstract Algebra• Honors Real Analysis• Second Course in Real Analysis• Linear Algebra & Differential Equations	
SKILLS	LANGUAGES AngularJS, Node.js, Express, Java, Ruby on Rails, Android, Play Framework, MongoDB, PostgreSQL, HTML, CSS, Javascript, Ionic, Cordova, Python SOFTWARE / APIs Heroku, Twilio, Pusher, Github, Vim, OpenSSL	
AWARDS	Honorable Mention Honorable Mention 3rd Place 2nd Place	Santa Clara University Math Contest Bay Area Math Olympiad Berkeley Math Tournament, Tournament Round Santa Clara Valley Field Day, Leap Frog Round 2013 2012 2012 2012