

# MICHAEL CHEN

Full Stack Ninja | Mobile Enthusiast | Optimistic Guy

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## EDUCATION **University of Virginia:** 2012 – 2016

Bachelor of Science in Computer Science (Major GPA 3.61)

Bachelor of Arts in Economics – Finance (Major GPA 3.39)

**Relevant Coursework:** Database Systems, Cloud Computing, Operating Systems, Mobile App Development, Information Retrieval, Algorithms, Econometric Methods, IBM's Introduction to Hadoop, MongoDB University Course

### Awards

- Kerr Family Scholarship for 2015-16: \$6,000 for leadership and academic merit
  - Fall 2015 Merkle Marketing Agency: Digital Marketing Apprenticeship
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## PERSONAL **Inspire Higher @ UVA:** April 2015 - present

### PROJECTS

- Started a contracted independent organization (CIO) with a mission to promote creativity, independent thinking, and spontaneity
- We are the Y-Combinator for student ideas and activities at UVA

### Hackathon Enthusiast:

 2014 - 2016

- HackMIT, PennApps, JP Morgan: Code for Good, HackPrinceton, VTHacks, LAHacks, Uncommon Hacks – implemented various API's such as Twilio, Amadeus, etc. and technologies like MongoDB into web or mobile apps (Ask Me Anything!)
- HackDuke: Code for Good – Mentor
- Hack.UVA – 2014 Winner via Android app, 2015 Mentor, 2016 Best Mobile Hack via iOS Swift app

### Google Cardboard:

 Spring 2016

- Learning to develop iOS VR apps with Google Cardboard Treasure Hunt
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## WORK **Alkemy - Jr. Backend Software Engineer:** Feb 2015 – March 2016

### EXPERIENCE

- Implemented, updated, unit-tested, and documented backend Django API (functionality include making calls to Google's geolocation API & querying MySQL DB)

### Akamai Technologies - Software Engineering Intern:

 Summer 2015

- Improved C library API's to handle JSON more efficiently, saved on average 6 seconds per virtual machine
- Wrote Perl and Python scripts to automate tasks (eg. change the network address translations after re-deployment of Akamai software on VM's)

### Self-started Tutoring Business:

 Summer '13, '14, '15

- Started small private business with online presence via a Google App Engine site where students can sign up and view their schedules
  - Had upwards of 30 active students, raised \$25,000 total for past 3 summers
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## SKILLS

**Languages:** Python/Django, Java/Android, Angular, React, D3, Swift

**Technologies:** GitHub, Perforce, Amazon Web Services, Google App Engine, Heroku, MongoDB, MySQL, Postgres, Parse (RIP), Firebase, Redis, Linux/UNIX, Windows, RESTful APIs/HTTP/TCP/IP