mzc2fd@virginia.edu
(434)-242-6784

Michael Chen

sticksword.github.io
github.com/sticksword

EDUCATION

UNIVERSITY OF VIRGINIA
Aug 2012 – May 2016

- **B.S. in Computer Science** with dual degree in **Financial Economics** (Major GPA 3.52)
- **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:**
  - School of Engineering Kerr Family Scholarship for leadership and academic merit for 2015-2016
  - Hack.UVA 2016 Best Mobile App

EXPERIENCE

JAVA SOFTWARE ENGINEER, ZAPLABS
Aug 2016 – Present

- Utilized Spring, Hibernate, and Oracle SQL DB to build RESTful API endpoints
- Integrated Yelp and Intercom API to help increase broker user base by about 7%

JR BACKEND DEVELOPER, ALKEMY
Feb 2015 – Mar 2016

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

SOFTWARE ENGINEERING INTERN, AKAMAI
May 2015 – Aug 2015

- Added custom functionality to C jansson library to handle JSON more efficiently, saved on average 5-6 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 virtual machines)

SKILLS

LANGUAGES: Python and Pip/Conda/Virtualenv, Node and NPM/Yarn, Java and Maven, React/TypeScript and Bower and Gulp, Swift and XCode/Pods

TECHNOLOGIES: Git, Amazon Web Services, Google App Engine, Heroku, MySQL, MongoDB, Redis, LINUX/UNIX, RESTful APIs, Blockchain

PROJECTS

HACKERS @ UVA: Started student community that fosters lifelong learning, promotes hackathon culture

HACKATHON ENTHUSIAST: Participant of HackMIT, PennApps, JP Morgan: Code for Good, HackPrinceton, VTHacks, HackDuke, BitCamp, Hack the North, AngelHacks – implemented various API's such as Twilio, Amadeus, etc. and technologies like MongoDB into mobile or web apps (Ask Me Anything!)

GOOGLE CARDBOARD: My current project involves taking a Udacity course on Computer Graphics and using three.js and WebGL to create 3D web pages and models, ultimately hoping to transition onto Google Cardboard