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(434)-242-6784

sticksword.github.io
github.com/sticksword

Michael Chen

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY
Jan 2017 – Future

- **M.S. in Computer Science**
- **2017 Coursework:** Machine Learning, Reinforcement Learning, Knowledge-Based AI

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
- **Awards:**
  - School of Engineering Kerr Family Scholarship for leadership and academic merit for 2015-2016
  - Hack.UVA 2016 Best Mobile App
  - AngelHacks Febreze Home 2017 Winner

CODEPATH @ SF STATE
Jan 2017 – May 2017

- TA and student for Facebook sponsored PHP Web Security course

EXPERIENCE

SOFTWARE ENGINEER @ SQUARE
May 2017 – Present

- Learning Ruby/Rails/RSpec and Ember from scratch to create robust applications for Marketing Eng team

SOFTWARE ENGINEER @ ZAPLABS
Aug 2016 – May 2017

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

JR BACKEND ENGINEER @ ALKEMY
Jan 2015 – Dec 2015

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

SOFTWARE ENGINEERING INTERN @ AKAMAI
May 2015 – Aug 2015

- Optimized JSON parsing for C jansson library, saved on average 5-6 seconds per virtual machine
- Wrote Perl and Python scripts to automate network address translations and deployment tasks

SKILLS

LANGUAGES: Ruby/Rails, EmberJS, Python/Flask/Django, Java/Spring, Node, React/Redux

TECHNOLOGIES: Git, AWS, Google App Engine, Heroku, MySQL, Redis, LINUX/UNIX, RPC & RESTful APIs

PROJECTS

BUDDY: Personal overly attached AI friend who calls you everyday to see how you're doing

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

HACKATHON ENTHUSIAST: Participant of HackMIT, PennApps, JP Morgan: Code for Good (finalist) HackPrinceton, TreeHacks (mentor), HackDuke (top 10 finalist & mentor), Hack the North, AngelHacks – connected various API's such as Twilio and Amadeus, built mobile and web apps using tech like MongoDB (Ask Me Anything!)