

Noah Kim

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NK

EDUCATION

University of Virginia

B.S. Computer Science

Business Minor

Dean's list

GPA: 3.6

May 2019 | Charlottesville, VA

RELEVANT COURSEWORK

Algorithms

Computer Architecture

Web Programming languages

Program & Data Representation

Independent Study

Operating Systems

Programming Languages

Python

Java

Ruby

C

C++

PHP

JavaScript

HTML/CSS

Environments & Frameworks

Ubuntu

Windows

Django

Flask

Ruby on Rails

EXPERIENCE

Amazon Web Services

AWS Marketplace

Software Engineering Intern

May 2018 – Aug 2018

- Utilized AWS Kinesis Firehose and AWS Elasticsearch Service to optimize log search
- Worked with Ruby on Rails to create user-friendly website for search

University of Virginia

Charlottesville, VA

Teaching Assistant

Sept 2016 – Present

- Served as an undergraduate teaching assistant to Professors David Edwards and Kevin Sullivan for CS 2110 and CS 1113 respectively
- Responsibilities included: Grading homework, writing exam questions, running lab periods and holding office hours

University of Virginia

Charlottesville, VA

Machine Learning Research Intern

May 2017 – Aug 2017

- Conducted cybersecurity research in adversarial machine learning for malware classifier evasion under Professor David Evans at the University of Virginia (<https://evademi.org/>)
- Presented a poster and demos at the Facebook USENIX Security '17 Symposium to professors, researchers, and graduate students from around the world

PROJECTS & RESEARCH

GRADUWAIT

(<https://github.com/nk8na/Graduwait>)

January 2018 – Present

- Helps University of Virginia students find out if they have satisfied all requirements needed to graduate on time.

EVADEML-ZOO

(<https://github.com/mzweilin/EvadeML-Zoo>)

May 2017 – Present

- Designed a benchmarking and visualization tool for adversarial machine learning with Python and Flask
- Allows users to test adversarial methods on cutting edge models in an effortless manner

BYTE-ME

(<https://byte-me.herokuapp.com/>)

Dec 2016 – Jan 2017

- Used Flask and JavaScript to create a website that allows for interactive compilation of Python 3.4 into bytecode for CPython virtual machine