

ANTHONY DOHYUNG KIM

<https://zx1301.github.io> ◇ <https://github.com/zx1301>

12 Foxwood Sq. S., Old Tappan, NJ

(201)-316-7942 ◇ anthonydh10k@gmail.com

EDUCATION

The College of New Jersey

Undergraduate

Major: Computer Science, Minor: Economics

Expected Graduation in December 2019

Overall GPA: 3.5/4

EXPERIENCE/PROJECTS

Girls Who Code

September 2019 - current

- Led the outreach to local Girls Who Code clubs
- Recruited volunteers, coordinated with local schools and facilitated friendly learning environments

Undergraduate Research

September 2019 - current

- Built GAN-based models to solve the problem of generating images from text descriptions
- Used python, pytorch, scikit-image

Political Facts Search

- Demo: <https://polimium.herokuapp.com/>
- Created a web application that searches for politicians based on name or state
- Relies on external APIs to obtain financial and legislative data on politicians
- Used Ruby on Rails with Postgresql, HTML and CSS

Undergraduate Research

September 2018 - December 2018

- Engineered python programs to manipulate data and automate testing for machine translation models to examine the effects of data size and transfer learning
- Used Slurm Work Manager to submit computation jobs and Docker for managing operating system level environments

TECHNICAL STRENGTHS

Programming Languages

Software & Tools

Courses

Java, C/C++, Python, Ruby on Rails, SQL, HTML, CSS, Javascript
Slurm, Docker, Linux, LaTeX, Microsoft Office, Eclipse
Software Engineering, Operating Systems, Computer Architecture,
Database Systems, Algorithms in Computational Biology
Multivariable Calculus, Statistics, Environmental Economics
Algorithms and Data Structures, Programming Languages

ACHIEVEMENTS

Upsilon Pi Epsilon

Inducted in May 2019

- International Honor Society for Computing and Information Disciplines

Winner of Blockchain Smart Contract Hackathon

May 2019

- Built a smart contract web application that funds political campaigns based on their voting outcomes
- Used Ethereum, Solidity, Truffle, JavaScript, HTML and CSS