

Hans Mok

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Education

Stevens Institute of Technology | Hoboken, NJ

Aug 2014 – Jan 2019

- BS in Software Engineering
- Presidential Scholarship

Work Experience

Stuyvesant High School, New York, NY

Teacher Assistant/Office:

June 2010-Aug 2011

- Assisted students on course material
- Graded assignments and tests for faculty
- Organized records and carried out administrative tasks

Bureau of Information Technology DSNY, New York, NY

Intern:

June 2015-Dec 2015

- Kept logs of ongoing projects
- Assisted in email server migration
- Attended weekly meetings
- Tested new configurations/updated software
- Assisted in moving and setting up new servers

Technical Skills

Software Languages

• Java, Golang, Python, Javascript/Typescript, HTML, CSS, SQL

Relevant Coursework

• Requirements Engineering, Software Cost Estimation, Software Testing, Modeling and Simulation, Introduction to Systems Engineering

Projects

Cryptsplit – *Submission to HackCooper 2016*

- Webapp implements a security program using AES-256 encryption
- Written in Python and C++

Luna – *OO Dynamic language written in Java (WIP)*

- Scanner recognizes different operators
- C-like syntax

SensorEd – *STEM Education wrapped with a hint of machine learning*

- Teach interested students about Python, sensors, and fundamental computer science concepts
- Web Interface to view realtime data
- Classification algorithm attempts to check for sensor drift
- Web UI written in React/Typescript, API as AWS Lambda written in Go, database as MariaDB