John Yoon

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EDUCATION

2016-2019   **OREGON STATE UNIVERSITY**
Bachelor of Science in Computer Science
GPA: 3.7

2009 - 2013   **DARTMOUTH COLLEGE**
Bachelor of Arts in English

EXPERIENCE

Current   **NYC CYBER COMMAND (NYC Government's Cyber Security Agency)**
Associate Cloud Reliability Engineer

- Develop and maintain data pipelines and cloud infrastructure with petabytes of data, using tools such as Terraform, Apache Beam, and Google Cloud Platform's Cloud Functions, BigQuery, Pub/Sub and Dataflow

- Document functions, APIs, and workflows that support the management of cloud infrastructure

- Write cyber security incidence analysis reports

Fall 2019   **OREGON STATE UNIVERSITY (Computer Science Department)**
Teaching Assistant for "Computer Architecture and Assembly Language"

- Facilitated course discussions and assisted in grading

- Mentored and guided students with course material

Summer 2019   **OREGON STATE UNIVERSITY (Center for Genome Research & Biocomputing)**
Big Data Intern

- Analyzed, structured, and visualized over 50GB of strawberry genetic data for determination of subgenomic divergence using Python, Bash scripts, and R

- Documented source code logic for Python scripts and wrote technical progress reports

Summer 2018   **FASOO INC. (Enterprise Document Platform & Unstructured Data Security)**
Software Engineer Intern

- Implemented functionality for the enterprise document platform's search engine that allows users to input text to get back similar word values using machine learning, natural language processing, Python, and a data set of over 180,000 enterprise documents

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SKILLS

Python l Git l Google Cloud Platform l Pub/Sub l Dataflow l Cloud Functions l BigQuery l SQL l Linux l Terraform l C++