

Tomer Singal

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EDUCATION

The College of New Jersey (TCNJ), Ewing, NJ

Expected May 2020

B.S. in Computer Science, Minor in Physics

Cumulative GPA: 3.97 / 4.0; Major GPA: 4.0 / 4.0

Honors: Dean's List (all semesters)

WORK EXPERIENCE

Phone.com, Newark, NJ

Software Development Intern

Summer 2018

- Worked with project director to develop a Python gateway server for parsing MIME messages
- Designed and implemented a web messaging application using the React.js framework
- Worked as a member of a 9-person team to rework the company's communications API, utilizing Amazon Web Services (AWS)

Quality Assurance Intern

Summer 2017

- Constructed an extensive testing program for the company's central API using PHP

SOFTWARE EXPERIENCE

Machine Learning Student Research

Fall 2018

- Collaborated with 5 other students and faculty to study the learning curves for natural language processing tasks
- Integrated Named Entity Recognition into research infrastructure, utilizing Python, numpy, High Performance Computing, Natural Language Toolkit (NLTK) and Stanford's Named Entity Recognizer

Rutgers Hackathon

Spring 2018

- Worked as part of a team of 4 to prototype a web application for hiring
- Contributed to the front-end design and execution
- Won iCIMS sponsor award for best use of its API

Genetic Rockets

Winter 2018-19

- Developed a JavaScript evolution simulator in which rockets evolve to find paths to a target using a genetic algorithm

SKILLS

Languages: (Proficient) JavaScript • Python • Java • HTML • CSS (Familiar) C++ • PHP • Ruby • Processing

Technologies: Windows • Mac OS • Unix • ReactJS • AngularJS • AWS • Git • Microsoft Office • Blender • ZBrush