

RACHEL NASH

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EDUCATION

Cornell University, College of Arts and Sciences ♦ *Ithaca, NY*

Expected Graduation: May 2020

- B.A. in Computer Science, Minor in Linguistics, **GPA 3.82**
- Relevant Coursework: Object-Oriented Programming and Data Structures, Operating Systems, Computer Systems Programming, Graphics, Intro Web Design, Discrete Structures, Intro to Python, Game Design, Functional Programming, Artificial Intelligence
- Dean's List: Fall 2016, Spring 2017, Fall 2017

SELECTED PROJECTS

"Queue Me In"

August 2018 - Present

- This semester, I will be working on front-end for a team that aims to fix overcrowded office hours with long wait times by creating an online queue that both increases efficiency and provides more feedback to teaching assistants and professors. Technologies I will be working with include React, Typescript, and GraphQL.

"Research Connect"

October 2017 - August 2018

- Developed the front-end for a website from scratch that connects professors and undergraduate researchers. Used React to create many features, such as filter and search pages, comparison of student information and position requirements to find matches, dynamic profile editing, and registration forms, as well as all CSS styling.

WORK EXPERIENCE

Cornell University ♦ *Ithaca, NY*

January 2018 - Present

Teaching Assistant

- Held office hours, graded assignments, and assisted students in lab section for two core computer science courses: Systems Programming (CS 3410) and Operating Systems (CS 4410).

Cisco Systems ♦ *Research Triangle Park, NC*

June 2018 - August 2018

IT Intern

- Implemented all the front-end features for an internal project management Flask app created from scratch with a team of two other interns. The site was created to cut costs (\$50,000 annually) by reducing Salesforce use. It allows managers to track their resources, visualize their team's time utilization, and easily assign tasks.
- Created a cross-platform web service for file encryption and tagging using WebSockets with Java.
- Analyzed patterns in company data egress using Splunk to assist in designing data loss prevention policies.

CU Engineering Success ♦ *Ithaca, NY*

October 2017 - December 2017

Private Tutor

- Tutored for Discrete Structures with CUES, a program to increase the graduation rates of minority students.

Geopier Foundation Company ♦ *Mooresville, NC*

June 2017 - Aug. 2017

Intern

- Proposed and developed an automation for modulus test database entries, reducing user time required by 66% while also making it more user-friendly and mathematically accurate. Taught myself VBA to code this in Excel.
- Maintained modulus test database and presented findings on competitors' and licensees' social media accounts.

SKILLS

Proficient: Python, Java, React, HTML, CSS

Familiar: C, JavaScript, jQuery, OCaml, Docker, Git Flow, Splunk, Photoshop, Illustrator, Sketch

Languages: English (native), Italian (intermediate)

ACTIVITIES

Front-end developer for Cornell Design and Tech Initiative (CDTI)

Active volunteer for Cornell Concert Commission

Interested in: Web Development, Functional Programming, Linguistics, Natural Language Processing