

Aidan Fitzgerald

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🎓 EDUCATION

Cornell University

College of Engineering
BS in Computer Science
Expected Grad. May 2020
GPA: 3.9
Dean's List, Spring 2017

Stuyvesant High School

Grad. June 2016

📄 COURSEWORK

Machine Learning
Discrete Structures
Intro to Computer Engineering
Object-Oriented Design and
Data Structures (Honors)

🧠 SKILLS

Languages: Java, Python, C,
MATLAB, SQL

Libraries: NumPy, SciPy

Frameworks: Flask, Django

OS: Linux

Tools: Git, Atom, Bash, LaTeX,
Typeform

</> HACKATHONS

Attended: 7

Mentored: 3

Organized: 1

💬 INTERESTS

Artificial Intelligence
Civic Technology
Technology Policy
Photography
Music
Creative Writing

💻 WORK EXPERIENCE

Kinetik

Software Engineering Intern

July 2017 – Present

Remote

- Designing a web API for Kinetik's health care billing software using the Django REST framework.

Elixir Labs

Software Engineer

May 2017 – Present

Remote

- Working with Media Window to develop tools for evaluating the trustworthiness of news websites.

Morgan Stanley

Summer Analyst, Enterprise Infrastructure

July – Aug 2016

New York, NY

- Built a distributed file system using EncFS, designed to meet regulatory standards for encrypted public cloud storage.
- Learned about modern cryptography protocols and Linux system administration.

⚙️ PROJECTS

Pixelator

def hacks()

Apr 2016

New York, NY

- Pixelates an image by dividing it into 16x16-pixel blocks and computing the average color of each block.
- Written in Python using NumPy and SciPy.

Email Client-Server Application

Class Project, Systems Level Programming

Dec 2015 – Jan 2016

New York, NY

- Network protocol, command-line client, and server for sending and receiving email using the C socket library.

📌 TEACHING EXPERIENCE

Designing Technology for Social Impact

Splash! at Cornell

Apr 2017

Ithaca, NY

- Taught students how to use technologies to achieve social objectives while managing the risks inherent to those technologies.
- Led a group activity in which students designed technologies to solve social problems of their choice.

COMMUNITY OUTREACH

Social Hacks

May 2016 – Jan 2017

Founder & Executive Director

New York, NY

- Led a team of 6 to organize a 24-hour hackathon where students solved social problems using technology.
- Persuaded ThoughtWorks to lease us their event space for free in exchange for the title sponsorship.
- Marketed to high school and college students through Facebook and used Typeform, SQL, and MailChimp to manage admissions.

CSTUY

July 2015 – May 2016

Teaching Assistant

New York, NY

- Mentored middle and high school students at CSTUY's summer and weekend classes in computer science and software engineering.
- Volunteered as a mentor at CSTUY's winter hackathon.