

Aidan Fitzgerald

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🎓 EDUCATION

Cornell University
College of Engineering
BS in Computer Science
Expected Grad. May 2020
GPA: 3.9

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

🏆 AWARDS

Dean's List, Spring 2017

💻 WORK EXPERIENCE

Elixir Labs **May 2017 – Present**
Remote
Software Engineer

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

Kinetik **July 2017**
Remote
Software Engineering Intern

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

Morgan Stanley **July – Aug 2016**
New York, NY
Summer Analyst, Enterprise Infrastructure

- 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 **Apr 2016**
New York, NY
def hacks()

- 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 **Dec 2015 – Jan 2016**
New York, NY
Class Project, Systems Level Programming

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

📖 TEACHING EXPERIENCE

Designing Technology for Social Impact **Apr 2017**
Ithaca, NY
Splash! at Cornell

- 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.