

Peter Lee

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Education

Hunter College

BA in Computer Science
Minor in Economics
Expected May 2021
Daedalus CS Honors Scholar
GPA: 3.71/4.0

Stuyvesant High School

Graduated June 2018

Coursework

Undergraduate

Web Development
Artificial Intelligence
Data Structures and Algorithms
Applied Statistics
Discrete Mathematics

High School

Computer Graphics
Systems Level Programming

Skills

Programming Languages

Dart • Python • Java • C++ • C

Software Development

git • Flutter (UI) • Firestore (NoSQL DB) • Express.js

Experience

Google Software Engineer Intern

6/2020 - 8/2020

- Built a code size debugging tool for Dart DevTools, helping developers reduce their app size.
- Implemented an ordered treemap algorithm and built an interactive treemap UI that visualizes the app size breakdown.
- Built a diffing tool that visualizes the difference between two AOT compiler snapshots or two APKs, enabling users to assess the cause of size changes.
- Built a command-line tool that analyzes an APK, prints a high-level summary, and outputs a JSON file for visualization in Dart DevTools.

Heat.wav Mobile Developer

2/2019 - 8/2019

- Led the development of the minimum viable product for beta testing as the sole front-end developer.
- Built a custom audio player that leverages the backend to play suggested songs based on the user's location.

Projects

Dayflect Product Manager

5/2020 - Present

- Led a product from concept to launch by designing, developing, and publishing a mobile diary app.

NBA Season Simulator Backend Developer

4/2020 - 5/2020

- Built a random forest classification model with python scikit, predicting a season's outcome for a team with 40% accuracy.

Shell C Developer

11/2017 - 12/2017

- Built a command-line interpreter written in C with basic functionalities of bash.

Hackathons

Codefest 2020 Mobile Developer

1/2020

- Designed and developed a mobile app that determines the recyclability of an object using image classification.

Leadership

Stuy Legacy Founder & Executive Director

2/2016 - 6/2018

- Founded and directed Stuy Legacy, a competitive urban dance team representing Stuyvesant High School.
- Organized rehearsals and choreographed competing dance routines that led the team to place in tri-state wide dance competitions.
- Trained 4 seasons of directors to continue managing the team and coordinate logistics.