

# Eric Cheng

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## EMPLOYMENT

### Fastplate, food ordering and delivery startup, co-founder and CEO (fastplate.app)

Pittsburgh, PA  
November 2018 - present

- Designed initial launch MVP in Node.js, Flask, Elastic Cloud, interfacing with Stripe payments
- Youngest startup and team to reach finalist status at McGinnis Venture Competition 2019, Carnegie Mellon Venture Challenge 2019, and Hack-a-Startup@CMU 2018
- Project Olympus incubator - 2018-2019 cohort

### Aedit, UI/UX Engineering Intern

New York, NY  
July - August 2018

- Used Sketch to build desktop/mobile wireframes, prototypes, and high-fidelity screens of company about page, navigation, and advertisements
- Conducted UX interviews as part of a complete site navigation overhaul and redesign

## EDUCATION

### Carnegie Mellon University, Bachelor of Science in Business Administration, Computer Science

Pittsburgh, PA  
grad. May 2022

- TartanHacks 2019 winner, Project Olympus's 'Best Entrepreneurial Hack' Prize
- Carnegie Mellon Business Technology Group, vice president of product and lead product manager
- TEDxCMU speaker, "Design Around Us" presentation on behavioral economics and product design
- 'Wall Street Journal' case competitions team for the American Marketing Association

### The Lawrenceville School, High Honors, AP Scholar with Distinction, National Merit Finalist

Lawrenceville, NJ  
grad. May 2018

- 'Virtus, Semper, Viridis' 2018 annual citizenship award recipient
- Vice President of Academics, President of Model UN Club, editor-in-chief of Lawrenceville Out Loud
- 2014 MIT Zero Robotics, hosted by NASA, ESEA, DARPA - 2nd place internationally out of 200 teams

## EXPERIENCE & PROJECTS

### Jalopy, a self-driving system

Pittsburgh, PA  
April 2019

- Built and designed an end-to-end lane-finding and intelligent self-driving system, implemented on the video game Euro Truck Simulator 2
- Uses OpenCV framework to navigate highways and generate steering inferences

### Keycore

Pittsburgh, PA  
February 2019

- Hackathon project that authenticates users to log in without a password by analyzing typing patterns, built with JavaScript, Bootstrap, Python, Flask, and Microsoft Azure
- Selected out of 74 teams for TartanHacks 2019 'Best Entrepreneurial Hack' Prize, competition sponsored by Google, Microsoft, Facebook, Project Olympus, and others

### cmueats.com

Pittsburgh, PA  
October 2018

- Website that shows open campus dining locations. Built in React, redesigned with Bootstrap
- Average daily users of 200-300 students and faculty (reported by Google Analytics)

### Carnegie Mellon Business Technology Group, vice president of product

Pittsburgh, PA  
October 2018 - present

- Led 10+ engineers in web development division, implemented new organization site in Django
- Recruited undergraduates for new artificial intelligence & machine learning research division
- Gave lectures on web development, AWS deployment, and machine learning/statistics theory

## SKILLS & MISC

### General & machine learning

Python (OpenCV, sklearn), HTML, CSS (Bootstrap), JavaScript (React, Node.js)

### Data processing

R (MASS, randomForest, psych, faraway, ggplot2, rpart)

### Design, graphics & media

Sketch, Adobe CC (InDesign, Illustrator, Photoshop, Premiere, After Effects, XD)

### Interests

Data visualization, Mandarin Chinese, German, weightlifting, comedy, museums