

# Ethan Lee

CODE · ENTREPRENEURSHIP · ECONOMICS

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*"Any plunge into the unknown is reckless – but that's where the treasure lies - Brenden Burchard"*

## Education

### Northwestern University – McCormick School of Engineering

*Evanston, IL*

B.S. IN COMPUTER SCIENCE AND B.S. IN ECONOMICS – GPA: 3.84

*Sep. 2016 - Exp. Jun. 2019*

Upper Level Coursework: Data Structures and Algorithms, Design Thinking and Communication, Intermediate Microeconomics

Completed Coursework by Summer '18: Artificial Intelligence Programming, Game Design and Development, Machine Learning, Databases

## Experience

### Oracle

*Chicago, IL*

SOFTWARE ENGINEERING INTERN

*Jun. 2017 - Sep. 2017*

- Developed Push Notification and Real Time Messaging Packages for Textura product using Websockets in Python
- Created RESTful API server using Flask to send/receive notification information
- Implemented an ORM for storing user notifications and messages into a PostgreSQL database with SQLAlchemy
- Constructed a user interface for Customer Service to interact with and aid product users via real time messaging
- Practiced company code quality standards by writing comprehensive tests using PyTest and participating in code reviews and standups

### CarePackage

*Evanston, IL*

CoFOUNDER & CTO

*Aug. 2014 - Apr. 2016*

- Co-founded a snack delivery company with the promise of immediate delivery right to the student's door
- Won First Place in Launch Pitch Competition and Demo Day Pitch Competition
- Developed an effective marketing/distribution strategy, selling over 200 boxes thus far
- Creating a company website to store newsletter subscribers and developing software to streamline our delivery process

### Promazo

*Chicago, IL*

CONSULTANT/BUSINESS ANALYST

*Nov. 2017 - Present*

- Gathering and compiling workflow information of all business units across the client's company
- Leading interviews and compiling requests to provide a comprehensive understanding of the data source interaction for each business unit

### RIC (Rehabilitation Institute of Chicago)

*Chicago, IL*

STUDENT PRODUCT DESIGNER

*Sep. 2016 - Dec. 2016*

- Designed Foot Funnel to help AFO and KAFO users quickly and easily don their shoes, adhering to industry design principles
- Delivered a functional prototype that decreases our user's time to don shoes by 50%

## Projects

### Squatters

*Python*

SCRIPT THAT AUTOMATICALLY RESERVES A LIBRARY ROOM AT NU

*2017*

- Used BeautifulSoup and Selenium to scrape and automate library reservation process for study rooms at Northwestern University

### Sketches

*p5.js*

A COLLECTION OF VISUAL DESIGNS AND GAMES

*2017*

- Created various visual designs using p5.js framework

### Tower Defense

*C# - Unity*

CLASSIC TOWER DEFENSE GAME

*2017*

- Designed and developed a tower defense game in Unity for EECS 396 - Intro to Game Development

### Potluck

*React-Native*

SOCIAL FOOD RECOMMENDATIONS PLATFORM

*2017*

- Building an app aimed to allow users to find local restaurants through their close friends and family's recommendations

## Skills

**Languages:** Python, C#, C++, SQL, JavaScript

**Technologies:** PostgreSQL, SQLAlchemy, Flask, Selenium, BeautifulSoup, React Native, Git, Linux, Unix