

David Zilburg

<http://davidzilburg.com/>

384 Hil-Ray Ave, Wyckoff, NJ 07481

(H) 201-857-3101 (C) 201-815-3077

[zilburg.d@husky.neu.edu](mailto:zilburg.d@husky.neu.edu)

## **Education**

Bergen County Academies High School

- Academy of Technology and Computer Science, Class of 2015
  - Freshman Year: Python Programming
  - Sophomore Year: AP Computer Science A
  - Junior Year: Data Structures course
  - Senior Year: Intro to OS course alongside working on a capstone project

Northeastern University (2015-Present)

- College of Computer and Information Science, Class of 2019 (Computer Science Major)
  - Freshman Year (1st Semester): Fundamentals of Computer Science I
  - Freshman Year (1st Semester): Discrete Structures

## **Projects and Activities**

HackRU (Fall 2013, Spring 2014, Fall 2014)

- This event is a 24 hour college hackathon (coding marathon)
- Fall 2013: my team created an android application called Frames, a picture sharing social network which obtains other users' pictures based on location of the user
- Spring 2014: worked with a beginner programmer to create a website where people text message in song recommendations (<http://playmusic4me.com/>)
- Fall 2014: my team created a mobile application called WearAbouts, in which users can upload pictures of outfits and have other users vote on which they should wear

PennApps (Spring 2014, Winter 2015)

- This event is a 48 hour college hackathon
- Spring 2014: My team made Hearts (<https://gimmehearts.herokuapp.com/>), a Valentine's Day themed web application made to analyze Facebook conversations to get statistics
- Winter 2015: My team made Safelist (<http://safelist.herokuapp.com/>), a web application using the Postmates API to deliver craigslist items in order to distance any communication between buyer and seller

HackBCA Organizer (2013-2015)

- Student-run high-school hackathon at Bergen County Academies (<http://hackbca.com/>)
- On the original team of organizers for the first ever event (2014)

### Personal Website (2015)

- Designed and created <http://davidzilburg.com/>

### TradeWhat

- Developed front-end and back-end for TradeWhat (<http://www.tradewhat.com/>), a watch-list platform for new stock traders

### FBLA (2013-2015)

- 2nd in the state in E-Business (2014)
- Club fundraising director (2013-2014 School Year)
- Vice president (2014-2015 School Year)

### ACSL (2014)

- Intermediate division member of the American Computer Science League

## Work Experience

### Hertz Internship (Summer 2014-Summer 2015)

- Mobile application developer intern
- Worked on a very small team, mainly focused on the Android (hybrid) application
  - Work with Javascript, HTML/CSS, Git, Kendo Mobile UI, and Java
  - Focused on bug fixes and UI redesign
- Worked both summers full time, and once a week during the 2014-2015 school year

## Other Community Service and Awards

- Academy After Hours Volunteer (Summer 2014)
  - Summer classes held at Bergen County Academies for middle school students
  - Assisted in teaching Guitar Builders, Web Design, and Game Development
- Open House Tour Guide for Bergen County Academies (2012, 2013, 2014)
- High Honor Roll (Every trimester, Junior year, High School)
- Honor Roll (Every trimester each year, High School)

## Skills

Most Proficient	Familiar With
<ul style="list-style-type: none"><li>• Java Programming</li><li>• Python Programming</li><li>• HTML/CSS using Bootstrap CSS Library</li><li>• Javascript Programming (using JQuery)</li><li>• MongoDB (using pymongo)</li><li>• Git</li><li>• Basic Computer Support</li></ul>	<ul style="list-style-type: none"><li>• Parse (using Javascript API)</li><li>• C Programming</li><li>• BASH Programming</li><li>• Racket Programming</li><li>• iOS SDK</li><li>• Android SDK</li><li>• Kendo Mobile UI</li><li>• Objective-C Programming</li></ul>