

Aaron Zipursky

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EDUCATION

Northwestern University, McCormick School of Engineering and Applied Science

Cumulative GPA: 3.60

Bachelor of Science in Computer Science

Expected Graduation: June 2017

- **Relevant Coursework:** Intro to Computer Systems, Data Structures and Data Management, Human Computer Interactions, Intro to Computer Engineering, Fundamentals of Computer Systems Software, Database Systems, Programming Languages, Biometrics, Networks, Graphics, Design and Analysis of Algorithms, Math Foundations of Computer Science, Design Thinking and Communication
- **Relevant Skills:**
 - Familiar: Python, MATLAB, x86 Assembly, C, C#, C++, AWS
 - Proficient: SQL, HTML5, CSS, Hibernate, Spring, Racket, Unix, Git, Agile
 - Skilled: Java, JavaScript, AngularJS

WORK EXPERIENCE

HERE

Software Engineering Intern, Highly Automated Driving (HAD)

June 2016 – August 2016

- Worked with another intern to develop a full stack web application to be deployed and used within the company
- Constructed database using PostgreSQL and constructed backend REST services using Java, Spring, and Hibernate
- Built frontend UI using HTML5, CSS, and Bootstrap and frontend functionality using AngularJS
- Gained experience working in an Agile software development environment

Insights: Powering Collective Thinking

Client-Side Tech Intern

June 2015 – August 2015

- Interned as a member of the technology team at startup located in Tel Aviv, Israel
- Daily worked with JavaScript and AngularJS
- Responsible for independently working to implement a suite of automated unit tests for the company's website

PROJECTS

Human Computer Interactions

Client: Michael Horn

January 2015 – March 2015

- Member of a team that developed a website that assisted users in carrying out a diet
- Contributed to research and development of the final interface

Design Thinking and Communication

Client: North River Commission, Chicago, IL

April 2014 – June 2014

- Led a team to develop a device that efficiently diverted rain water from sewers
- Independently researched and helped design a computer model of the final product

Client: Lambs Farm, Libertyville, IL

January 2014 – March 2014

- Led a team in designing a device to keep users with walkers dry while walking outdoors in the rain
- Handled all communication and interaction with the client and users
- Designed and built an attachment for a walker that holds an umbrella for the user

ACTIVITIES AND INTERESTS

Alpha Epsilon Pi Fraternity, Tau Delta Chapter

Recruitment Chair

February 2015 – March 2016

- Plan and execute all recruitment related events
- Contribute as a leading decision maker by serving as a member of the Executive Board

Interests: Nebraska Football, Chicago Cubs Baseball, Jazz Music, Saxophone, Geography, Space, Travel