Aaron **Lichtman**

· Business-Minded Software Developer ·

1160 Hilary Lane, Highland Park, IL 60035

(847) 722-4850 | aaronlichtman@gmail.com | alichtman | aaron-lichtman

Education

University of Illinois at Urbana-Champaign *Champaign, IL*
B.S. in Computer Science and Linguistics *Aug. 2016 - May 2020*

- 3.74/4.00 GPA
- Business Minor
- Relevant Coursework: Discrete Structures, Data Structures, Computer Architecture, Computational Linguistics

Mobile Makers Academy *Chicago, IL*
Mobile iOS Development Bootcamp *Summer 2015*

- Three-week intensive iOS mobile application development program focusing on Swift.
- Collaborated with a team to develop an educational game about algorithmic thinking.

Experience

Course Staff - Developer of Plagiarism Detection Software - Spring 2018
Course Staff - Lab Instructor for Intro to Computer Science - Fall 2017 *Champaign, IL*
University of Illinois - College of Engineering *Aug. 2017 - Present*

- Taught fundamentals of Java programming and algorithm analysis in weekly two-hour lab sections.
- Worked one-on-one with students during office hours; moderated course forum.
- Developing software that combines behavioral indicators and document comparisons to detect plagiarism.

Courseware Developer - Summer Internship *Glenview, IL*
American College of Chest Physicians *Summer Internship 2016*

- Worked on a team to develop multimedia courseware to educate physicians on best practices in cardiopulmonary care.
- Designed and developed an internal control panel to manage various web portals, simplifying access for non-technical employees.
- Used Tableau to analyze mobile app and web usage data in order to measure user engagement and retention.

Independent Developer - Custom Android Messenger App *Champaign, IL*
Software Development Project *May 2017*

- Designed and developed a complete Android messaging application, from the UI to the Firebase backend.
- Prototyped various database, user authentication, and UI design alternatives.

Extracurriculars

Leadership Training as Link Crew Leader and Assistant Instructor *Highland Park, IL*
Link Crew Leadership Program *2015-2016*

- Completed a year-long leadership training program, earning my Red Cross lifeguard certification.
- Led high school orientation programs for incoming freshmen.

Foreign Exchange Programs *San Sebastian, Spain*
Foreign Exchange Student and Host *Summers 2013-2017*

- Spent three summers living with a family in San Sebastian, Spain.
- Learned conversational Spanish in an immersion program at Lacunza Academy.
- Hosted multiple exchange students from Spain during high school.
- Traveled throughout Israel on Birthright and private trips.

Skills

Development Skills	Data structures, algorithms, UI design, software testing, debugging.
Languages	C++, Python, Java (incl. Android), Swift.
Software	Android Studio, IntelliJ, CLion, Github, SVN, Sketch.

Honors & Awards

2017	**Dean's List,** University of Illinois	*Champaign, IL*
2016	**AP Scholar with Distinction,** Highland Park High School	*Highland Park, IL*
2015	**Highland Park Honors Society,** Highland Park High School	*Highland Park, IL*