Ari Cohn

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Education

Carnegie Mellon University   **Expected May 2021**
- B.S. in Computer Science, Minors in Economics and Software Engineering   **4.0 GPA**

Relevant Coursework

- Parallel Data Structures and Algorithms (15-210)
- Theoretical Computer Science (15-251)
- Principles of Software Construction (17-214)
- Intro to Computer Systems (15-213)
- Principles of Functional Programming (15-150)

Experience

Zillow Group | *Software Development Intern (Seattle, WA)*   **May – Aug 2019**
- Implemented a redesign of the Zillow Android app's onboarding pages and changed font for the whole app.
- Fixed bugs across the Android app and contributed to implementing dark mode on iOS.
- Won first place in a Zillow-wide CTF (cybersecurity contest) during hackweek.

Aprima Medical Software | *Software Development Intern (Richardson, TX)*   **May – Aug 2018**
- Integrated 3rd party medical device software into the Aprima practice management application.   **Jun – Jul 2017**
- Worked on creating and maintaining REST endpoints as well as building custom validation software for API testing.

Carnegie Mellon University | *Teaching Assistant (Pittsburgh, PA)*   **Aug 2018 – May 2019**
- Teaching Assistant for Principles of Imperative Computation (15-122) & Principles of Software Construction (17-214).
- Lead labs and recitations and provided office hours while assisting with grading and course infrastructure.

Projects

Egenda *(team of 2)*   **Jul 2016 – Present**
- Designed and developed mobile app for managing homework.
- Reached Top 50 education app in US App Store with over 500,000 downloads on iOS and Android combined.
- Featured on KLIF News, Plano Star Courier, and Texas Jewish Post.

Pennapps XVII: Space Invaders 2018 *(team of 4)*   **Jan 2018**
- Created a modernized version of Space Invaders that uses your phone as a controller.
- Developed a web game controlled by a mobile app (iOS – Swift) using a Node.js/Socket.io backend.

PhotoSlide *(solo project)*   **Aug 2017**
- Built and published an app that transforms iPads into digital photo frames.
- Coded in Swift using Apple's Photos Framework and custom animations.

Organizations

ScottyLabs   **Fall 2017 – Present**
- Gave an original tech talk about front-end JavaScript for two workshops.

Alpha Epsilon Pi Fraternity   **Fall 2017 – Present**
- Serving as Athletics Chair and Greek Sing chair, led Booth game development for Spring Carnival.
- Selected as Brother of the Year for the 2018-2019 academic year.

Awards

Algorithms with a Purpose – 3rd Place	Feb 2018
UIL Computer Science – 3rd Place in Texas	Apr 2017
PicoCTF – 8th Place out of 11,000	Apr 2017
HP Codewars – 2nd Place	Mar 2017

Skills

Languages: Java, JavaScript, HTML/CSS, Swift, C#, SML, C

Technologies: Git, LaTeX, SQL, Unix, Photoshop, MS Office