

# ZACK HECHT

Ann Arbor, MI.

(516) 320-9578 • [zhecht7@gmail.com](mailto:zhecht7@gmail.com)  
[zackhechtportfolio.pythonanywhere.com](http://zackhechtportfolio.pythonanywhere.com)

## OBJECTIVE

---

To secure a position that fuels my never-ending curiosity and challenges me at every opportunity to create influential, beneficial, and long-lasting products and ideas.

## EDUCATION

---

**University of Michigan**

**Ann Arbor, MI**

Bachelor of Science in Engineering in Computer Science

December 2016

## TECHNICAL SKILLS

---

**Languages:** Python, Perl, C/C++, Embedded C, Android, Java, HTML, CSS, JavaScript, JQuery

**Operating Systems:** Linux (Ubuntu, Debian, ElementaryOS, Kali), MacOS, Windows 7 & 10

**Databases/Engines:** PostgreSQL, Cassandra, MySQL, Lucene, Elastic Search

**Frameworks/Templates:** Qt/QML, Flask, Jinja, Vue.js, Ember, Angular

## PROJECTS

---

[dropoffballot.com](http://dropoffballot.com): The only Ballot Dropbox and Dropoff locator in the US that gathers and displays information from all 50 States in an easy to use interface.

[rhcptabs.com](http://rhcptabs.com): Gathered a collection of instrumental tabs for The Red Hot Chili Peppers (featured on their main subreddit sidebar ~15K views per month).

[Trade Value Calculator](#): Interactive Chrome and Firefox extension that uses professional trade ranks to make fantasy football online trading effortless (>5000 downloads during the season).

Adalyze: Computer Vision video analyzer that calculates the optimal location for ad placement in professional sport games.

## PROFESSIONAL EXPERIENCE

---

**Barracuda Networks**

*Summer 2018 – Present*

*Software Engineer*

- Took lead on product releases, fixed bugs, developed features, and assisted support/escalations for the Message Archiving and Cloud Archiving team.
- Monitored infrastructure with Pagerduty to ensure all systems were functioning properly. Off-hours incidents required quick thinking, extensive knowledge of the codebase, and a comfortability with Linux, Cassandra, and Networking.
- Features developed include implementing byte-range partial downloads of Exports, Four-Eyes authentication for GDPR compliancy, Office 365 Message Encryption Archiving, complete Docker platform conversion, and much more.

**KPIT**

*Fall 2017 – Summer 2018*

*Infotainment Engineer*

- Trained on various programming languages and automotive-related tools for four months.
- Read specifications and wiring diagrams to learn the inner workings of a real HVAC system. Worked with Embedded C and TinkerCAD to create a low-level HVAC design.
- Tested infotainment connectivity and features on multiple platforms, firmwares, and operating systems in a controlled environment for multiple Car Manufacturers.