

ZACK HECHT

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OBJECTIVE

To secure a position that challenges me at every opportunity to create influential, beneficial, and long-lasting products and ideas.

EDUCATION

University of Michigan

Bachelor of Science in Engineering in Computer Science

Ann Arbor, MI

December 2016

TECHNICAL SKILLS

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

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

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

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

PROJECTS

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

MalWear Inc.: Developed an online ecommerce store to sell personal Chanel products. This project provided insight into safe security practices and invaluable retail experience.

[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

- Developed features, fixed bugs, assisted support/escalations, and took lead on product releases for the Message Archiving and Cloud Archiving team in an Agile environment.
- 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 numerous Car Manufacturers.