ZACK HECHT

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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, Scala, Perl, C/C++, Java, HTML, CSS, JavaScript, Embedded C, Android

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

Databases/Engines: PostgreSQL, Ingres, ElasticSearch, Cassandra, MySQL, Lucene

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

PROJECTS

dropoffballot.com: Created one of the first Ballot Dropbox locator sites that scrapes updated information from all 50 States and displays these locations in a seamless interface.

Adalyze: Computer Vision video analyzer that calculates the optimal location for ad placement in professional sport games. Gained experience with OpenCV, Numpy, Video Processing.

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).

PROFESSIONAL EXPERIENCE

American Mathematical Society   *Jan 2021 – Present*

Senior Fullstack Developer

- o Conceptualized and integrated a 30-year-old terminal-based application into a fully functioning web app with a plethora of new functionality.
- o Worked closely with end-users from various departments to ensure priorities, timelines, and redundancies were satisfied.
- o Mentored Junior engineers on efficient coding practices, collaboration tips, and optimal programming practices.

Barracuda Networks   *Jul 2018 – Jan 2021*

Junior Software Engineer

- o Lead product releases, fixed bugs, developed features, and assisted support/escalations for the Message Archiving and Cloud Archiving team.
- o 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.
- o Developed features included implementing byte-range partial downloads of Exports, Four-Eyes authentication for GDPR compliancy, Office 365 Message Encryption Archiving, a complete Docker platform conversion, and much more.