

ZACK HECHT

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OBJECTIVE

To secure a challenging position in a fast-paced and innovative setting, where past experiences along with a hunger to learn will contribute to the overall growth of the company.

EDUCATION

University of Michigan

Ann Arbor, MI

Bachelor of Science in Engineering in Computer Science

April 2017

RELEVANT COURSEWORK

Intro Computer Security

Cryptography

User Interface Development

Web Database Info & Systems

Operating Systems

Mobile App Development

TECHNICAL SKILLS

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

Platforms: Mac OS, Linux, Ubuntu

Databases: MySQL, ORACLE 8.0

Frameworks/Templates: Qt Creator, Flask, Jinja2, Ember, Angular

PROJECT EXPERIENCE

University of Michigan

Search Engine

- Constructed an efficient search engine that behaved similar to Google in 2004.
- Utilized Hadoop's MapReduce source code to score a large set of documents based on various factors including term frequency, PageRank, and Inverse Document Frequency.

PROFESSIONAL EXPERIENCE

OnRoto Fantasy Sports

Summer 2016

Mobile Web Developer

- Converted the essential pages on a fantasy sport website into their mobile friendly versions.
- Replaced all existing Java functionality with JavaScript. With only a few browsers still supporting Java, it seemed incompatible to have some pages still rely on it.

Elite Lessons

Summer 2015

Web Developer / Web Designer

- Researched and practiced the necessary languages to make a functioning website for a startup company.
- Implemented a commerce section, which provided insight into important security exploits and their defenses on the modern day web