**Benjamin Haos**

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**Profile**

Well-trained software engineer and developer with Computer Science degree and real-world work experience. Offer keen understanding of real-world business goals and how they apply to developing, rolling out, and supporting applications. Perform at equally high levels on individual projects or within large team environments with collaboration and shared responsibilities. Demonstrated experience with architecture, coding, database programming, and quality assurance efforts.

**Key Skills & Abilities**

Software Engineering

Web Development

Embedded Software Development

Software Testing

Model View Controller (MVC)

Object Oriented Programming

Unified Modeling Language (UML)

Database Design & Programming

Database Performance Tuning

Data Modeling

Web Services

Quality Assurance

Systems Analysis/Needs Analysis

Requiremen**t**s Gathering

Agile & Waterfall Methodologies

**Programming Languages**

Java

C & C++

Fortran & Pascal

Python

HTML5 & CSS3

MongoDB & SQL

JavaScript

jQuery & AJAX

XML

**Platform Expertise**

**Cloud Platforms** Amazon Web Services, Google Cloud, Google App Engine, Heroku, Vagrant

**Virtualization** Cluod9, VirtualBox, Hyper-V

**Databases** MongoDB, Microsoft Access

**OS** Linux (Ubuntu, Debian, Arch), Windows, MacOS X

**Development Tools** EclipseIDE, Visual Studio, Astah Pro, Visio, Android Studio, App Inventor, Code Bender, Git

**Other** Docker, Maven, Packer, Chef, Apache, nodeJS, Spring Framework, Java Spark

**Education & Training**

**Bachelor of Science in Computer Science - Carroll University 2017**

3.687 GPA. Cum Laude. Dean’s List. Research projects included:

* Led team for simulated insurance software development project using Spring, Java Spark, MongoDB, and Maven Tools
* Programmed functionality for IR remote that bridged control from Amazon Echo to A/V system
* Prototyped and wrote embedded code for touch-activated, dual NFC tag sensing A/C switched power supply
* Developed and administered Java-based CRUD data entry systems utilizing Java Spark and Maven Build Tools

**Electrical Engineering Coursework - Ewha Womans University 2015-2016**

**Work Experience**

Ewha University Embedded Systems Lab - Korea Study-Abroad Intern 2015-2016

Umansky Motor Cars - Milwaukee, WI Auto Technician & IT Specialist 2003-2015

Portfolio and project examples at www.haos.info