

Paul D. Hollinsky

Oakland University, Computer and Electrical Engineering

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Software Development Skills

- C & C++ (incl. C++17)
- Node.js
 - ExpressJS
 - MongoDB
 - WebSockets
 - REST APIs
- HTML5 & CSS3
- JavaScript
 - +TypeScript & ES2017
- jQuery, Angular & React
- Java
- Python
- PHP
- MySQL
- Visual Basic .NET
- Bash Shell & Scripting
- App Development
 - Android
 - iOS Swift
 - Universal Windows Platform
- Git Source Control
- OpenGL
- Virtual Reality
 - Samsung Oculus GearVR
- Design for User Experience
- Software Team Management
- Assembly Language
- Microprocessors
- IoT Devices
- Automotive Control Units
- CAN Bus
- Android Firmware Customization
- Samsung Knox
- Artificial Intelligence
- Neural Networks

Systems Administration Skills

- Windows Server
- Linux
 - Apache & nginx
 - Virtualization Hypervisor
- Amazon Web Services (AWS)
 - EC2
 - S3
 - cron
 - Load Balancing
 - Elastic Beanstalk
 - Polly
 - GitLab
 - Database Servers
 - Amazon Machine Learning
 - Simple Email Service

Education

- Oakland University - Fall 2016 to Present
 - Pursuing a dual major in both Computer and Electrical Engineering
- Dakota High School - Fall 2012 to Spring 2016
 - 3.7GPA | Graduated Cum Laude | 5 AP Credits | Independent Study | All Advanced Classes
- Self Teaching
 - Many of the skills shown above were gained through independent research and reading technical documentation. I have a desire for knowledge and love to diversify. Code is a true passion of mine.

Notable Experience

- Conversa Solutions L.L.C - January 2017 to present
 - The position of Software Developer for Conversa Solutions covers an amazing variety of day to day tasks. On any given day I work on Android apps, Android firmware customizations, Samsung Knox, REST APIs, virtual reality, content distribution systems, web apps, managing scalable application servers, technical writing, research and development, customer relations, etc. I thrive on the variety of work to be completed and I get the chance to exercise nearly all of the skills listed above quite often at work. I often singlehandedly create the architecture for full end-to-end software solutions for clients.
- Oakland University Formula SAE - Fall 2016 to present
 - I am an active member of the Grizzlies Racing Formula SAE team. I lead the team's electronics and data acquisition system. This includes ECU configuration and custom CAN nodes, as well as working with other teams to get the necessary data for each system. The position utilizes a wide variety of skills, such as designing and building circuits, speccing sensors, creating high speed graphical displays, building wireless technology, dyno tuning, soldering, and creating wiring harnesses.
- The Worm - Summer 2014 to Fall 2016
 - As senior developer and technical lead, I was an integral part in the launch of this company. The position utilized many of my skills, including front-end development, back-end development, and server administration. It also provided me with essential team development and project management experience as I was responsible for the team of developers working on the project.