Matthew DePero

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Education

Miami University GPA: 3.86 (B.S.) 3.77 (M.S.) Oxford, OH **Honors Program** Computer Science B.S. and M.S., May 2018

Work Experience

Google Seattle, WA Google *Intern, Software Engineer* Summer 2017

- Optimized frontend load time & UI latency by up to 250ms for all users of Google DoubleClick Search
- \rightarrow Refactored thousands of lines of code to simplify multiple aspects of future feature development

The J.M. Smucker Company Intern, Solutions Development, Applications



Summer 2016

- \rightarrow Developed copy functionality in Oracle's Siebel CRM, saving hundreds of hours across sales team
- Contributed to Jif.com redesign project, extensive work with HTML, CSS, JavaScript, and PHP \rightarrow
 - ◆ Accelerated delayed project by 3 days to meet original deadline

Westfield Group Insurance Intern, Enterprise Content Management



Westfield Center, OH Summer 2015

- \rightarrow Developed extensive reports and reporting tools with SQL and Excel, including VBA scripts
- \rightarrow Provided crucial business intelligence on electronic document creation, check tracking, and more

Leadership

LeaderShape[®] Institute <u>Participant</u> Theta Tau Professional Development Chair 6 Day Leadership Development Program March 2016 Professional Engineering Fraternity Apr. 2016 - present **Lockheed Martin Leadership Institute** <u>Cohort 5</u> Miami Kode2Learn Treasurer, VP Leadership Certification Program June 2015 - present Service Project, kode2learn.org Sept. 2014 - present **Drone Sports Club** Founding Member, Secretary Student Council President Drone Racing and Freestyle Jan. 2016 - Jan. 2017 College of Engineering and Computing Sept. 2014 - present **ACM Student Chapter** <u>Vice President</u> Toastmasters International <u>Vice President</u> Computer Programming Organization Dec. 2014 - present Public Speaking/Leadership, CC and CL Sept. 2014 - May 2017

Skills

Languages: Java, C++, Dart, HTML5, CSS3, JavaScript, PHP, SQL, Python, Scheme, Node.js, MIPS Web: JQuery, Bootstrap, Databases, Web APIs (REST, SOAP), JSON, MVC, Laravel, MySQL Linux, Windows, Git, Eclipse, SSH, MS Office, Vim, Agile, Apache, TCP/IP, Visual Studio Technologies: Classes: Adv. Algorithms, Artificial Intelligence & Machine Learning, Data Structures, Web Services **Professional:** Leadership, Public Speaking/Communication, Project Management, Team Building

Personal Projects [See mattdepero.com/projects]

Password Manager Application Websockets Phone Controller

management system → passtap.com

→ An innovative and secure password → Utilizes websockets to allow multiple users to control a shared screen with their phones

→ Simplified mathematical model to convert (x,y,z) points to screen (x,y)

Simple VR Graphics Engine

MVC Based Website in Laravel

- → Website created for ΘT. a professional engineering fraternity
- → thetataumiami.com

Podcast Curation Website

Alexa Skill for Amazon Echo

- → Podcast project by the Lockheed → Accesses Miami's grading Martin Leadership Institute
- → listen4insight.com

system via a REST API