

Matthew DePero

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Education

Miami University
Honors Program

GPA: 3.86 (B.S.) 3.77 (M.S.)
Computer Science

Oxford, OH
B.S. and M.S., May 2018

Work Experience

Google

Intern, Software Engineer



Seattle, WA
Summer 2017

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

The J.M. Smucker Company

Intern, Solutions Development, Applications



Orrville, OH
Summer 2016

- 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
 - ◆ Accelerated delayed project by 3 days to meet original deadline

Westfield Group Insurance

Intern, Enterprise Content Management



Westfield Center, OH
Summer 2015

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

Leadership

LeaderShape® Institute

6 Day Leadership Development Program

Participant

March 2016

Theta Tau

Professional Engineering Fraternity

Professional Development Chair

Apr. 2016 - present

Lockheed Martin Leadership Institute

Leadership Certification Program

Cohort 5

June 2015 - present

Miami Kode2Learn

Service Project, kode2learn.org

Treasurer, VP

Sept. 2014 - present

Drone Sports Club

Drone Racing and Freestyle

Founding Member, Secretary

Jan. 2016 - Jan. 2017

Student Council

College of Engineering and Computing

President

Sept. 2014 - present

ACM Student Chapter

Computer Programming Organization

Vice President

Dec. 2014 - present

Toastmasters International

Public Speaking/Leadership, CC and CL

Vice President

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
Technologies: Linux, Windows, Git, Eclipse, SSH, MS Office, Vim, *Agile, Apache, TCP/IP, Visual Studio*
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

- An innovative and secure password management system
- passtap.com

Websockets Phone Controller

- Utilizes websockets to allow multiple users to control a shared screen with their phones

Simple VR Graphics Engine

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

MVC Based Website in Laravel

- Website created for OT, a professional engineering fraternity
- thetataumiami.com

Podcast Curation Website

- Podcast project by the Lockheed Martin Leadership Institute
- listen4insight.com

Alexa Skill for Amazon Echo

- Accesses Miami's grading system via a REST API