RYAN WHITFIELD

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EDUCATION

The University of Michigan	Ann Arbor, MI	May 2017
M.S.E in Computer Science		

The University of Michigan	Ann Arbor, MI	April 2016
B.S.E in Computer Science	Summa Cum Laude	GPA: 3.867

EXPERIENCE

Wolverine Trading, LLC   Chicago, IL   Summer 2015, Summer 2016
Software Engineering Intern
- Created C++ server application to log and replay events from a high frequency financial system
- Worked with Cassandra database to provide analytics on large datasets
- Developed an exchange API and testing framework to track the performance of production applications

EECS 481 - Software Engineering   Ann Arbor, MI   February 2016 - April 2016
Project Leader
- Designed a therapeutic video game for a teenager with cerebral palsy
- Created C# scripts and assets within Unity for execution on an iPad
- Organized meetings and work distribution for a four person team

EXTRACURRICULAR ACTIVITIES

Eta Kappa Nu   Ann Arbor, MI   2014-Present
Active Member
- Perform service projects and operate a student-run cafe for EECS students
- Tutor students in introductory computer science courses at the University of Michigan

AWARDS AND ACHIEVEMENTS

College of Engineering Dean's Honor List   2013-2016
- Awarded to students who maintain a 3.5 GPA for a semester

EECS Scholar Award   2014
- Awarded to EECS students with at least 85 credits and at least a 3.9 GPA

James B. Angell Scholar   2014
- Awarded to students who have 3 consecutive terms of all A's

COURSEWORK

EECS 492 - Introduction to Artificial Intelligence	Winter 2016
EECS 381 - Object Oriented and Advanced Programming	Fall 2015
EECS 388 - Introduction to Computer Security	Fall 2015
EECS 482 - Introduction to Operating Systems	Winter 2015

SKILLS

- **LANGUAGES:** C++ (Proficient), Python, C, C#, SQL
- **TOOLS**: Git, Unix, Microsoft Visual Studio, Xcode, Cassandra