

RYAN WHITFIELD

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EDUCATION

The University of Michigan M.S.E in Computer Science	Ann Arbor, MI	May 2017
The University of Michigan B.S.E in Computer Science	Ann Arbor, MI Summa Cum Laude	April 2016 GPA: 3.867

EXPERIENCE

Wolverine Trading, LLC <i>Software Engineering Intern</i>	Chicago, IL	Summer 2015, Summer 2016
<ul style="list-style-type: none">Created C++ server application to log and replay events from a high frequency financial systemWorked with Cassandra database to provide analytics on large datasetsDeveloped an exchange API and testing framework to track the performance of production applications		
EECS 481 - Software Engineering <i>Project Leader</i>	Ann Arbor, MI	February 2016 - April 2016
<ul style="list-style-type: none">Designed a therapeutic video game for a teenager with cerebral palsyCreated C# scripts and assets within Unity for execution on an iPadOrganized meetings and work distribution for a four person team		

EXTRACURRICULAR ACTIVITIES

Eta Kappa Nu <i>Active Member</i>	Ann Arbor, MI	2014-Present
<ul style="list-style-type: none">Perform service projects and operate a student-run cafe for EECS studentsTutor students in introductory computer science courses at the University of Michigan		

AWARDS AND ACHIEVEMENTS

College of Engineering Dean's Honor List	2013-2016
<ul style="list-style-type: none">Awarded to students who maintain a 3.5 GPA for a semester	
EECS Scholar Award	2014
<ul style="list-style-type: none">Awarded to EECS students with at least 85 credits and at least a 3.9 GPA	
James B. Angell Scholar	2014
<ul style="list-style-type: none">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