



PERSONAL DETAILS

Name	Kevin Lee
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EDUCATION

College	University of Michigan
Degree	B.S. in Computer Science Minor in Music
GPA	3.4 / 4.0
Years	Fall 2013 - May 2017



EXPERIENCE

Wolverine Trading LLC

Chicago, IL
Summer '16

Software Engineer Intern

- > Designed and developed a **universal financial exchange emulator**, specifically with the Miami's MIAx and Chicago's CME messaging protocols.
- > Introduced new functional and latency tests for the emulator, then graphed and statistically evaluated the results using the **R graphing language**.
- > Programmed heavily in network computing using the **Boost.Asio** library.
- > Worked in **agile development**, with daily stand-ups and bi-weekly retrospectives.

MDA Information

Systems LLC

Ypsilanti, MI
Winter '16 – Fall '16

Multidisciplinary Design Program

- > Devised and engineered a camera-based **polar bear detection system** to protect workers in Arctic environments.
- > Investigated different camera systems (**IR, UV, RGB, Radar**) to identify the best combination for detection of a live polar bear.
- > Studied and utilized **computer vision** to calculate speed, distance, and bearing (SBD) from bounding box movements.
- > Developed a radar-like **graphical interface using OpenGL** to display the live SBD.

AK Steel Corporation

Dearborn, MI
Summer '15

Process Control Intern

- > Formulated and established a majorly **automated steel tracking system** for steel samples created in the mill.
- > Studied and utilized the **ZEBRA** programming language to design barcode labels, then implemented a **Motorola scanner program** in C to scan these labels.
- > Developed in **HTML, CSS, and Java** to upgrade the steel statistical analysis site in preparation for new functional tests.

University of Michigan

Ann Arbor, MI
Fall '15 – Present

EECS 183 Instructional Aide

- > Design, create, and teach a weekly personalized **discussion section**.
- > Monitor and perform **statistical analysis** on weekly office hours for the course.
- > Aid in the **creation and proofreading** of project specifications, exam questions, and course documentation.
- > Participate and contribute in **weekly staff meetings** by providing critical input regarding the course's health and direction.



EXTRACURRICULARS & VOLUNTEERING

CoE Undergraduate
Student Advisory Board
Member
Fall '16 – Winter '17

Michigan
Hope Volunteering
Volunteer
Fall '15 – Winter '17

Computer Science
Engineering Scholars
Member
Winter '15 – Winter '17

Shepherd's Field
Children's Village
Volunteer
Winter '13