MR. [KL]

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
Summer '16

Software Engineer Intern

> Design and implement a **universal financial exchange emulator**, specifically with the Miami's MIAX and Chicago's CME messaging protocols.
> Design functional and latency tests for the emulator, then graph and statistically analyze the results using the **R graphing language**.
> Program heavily in network computing using the **Boost.Asio** library.
> Work in an **agile environment**, with daily stand-ups and bi-weekly retrospectives.

MDA Information Systems LLC
Winter '16 – Fall '16

Multidisciplinary Design Program

> Research, design, and implement a camera-based **polar bear detection system** to protect workers in Arctic environments.
> Research different camera systems **(IR, UV, RGB, Radar)** to identify the best combination to detect a live polar bear.
> Utilize and learn **computer vision** to calculate speed, distance, and bearing from bounding box movements.
> Design and implement a **graphical interface using OpenGL** to display the live SBD.

AK Steel Corporation
Summer '15

Process Control Intern

> Design and integrate a majorly **automated steel tracking system** for steel samples created in the mill.
> Learn and use the **ZEBRA** programming language to design the barcode labels, then create a **Motorola scanner program** in C to scan these labels.
> Use **HTML / CSS / Java** to update the steel statistical analysis site in preparation for new functional tests.

University of Michigan
Fall '15 – Winter '17

EECS 183 Instructional Aide

> Design, create, and teach a weekly personalized **discussion section**.
> Hold 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 actively engage in **weekly staff meetings** by providing critical input regarding the course's health and direction.

EXTRACURRICULARS & VOLUNTEERING

CoE Undergraduate Student Advisory Board	Michigan Hope Volunteering	Computer Science Engineering Scholars	Shepherd's Field Children's Village
Member	Volunteer	Member	Volunteer
Fall '16 – Winter '17	Fall '15 – Winter '17	Winter '15 – Winter ' 17	Winter '13