# Kayla Lee

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## EDUCATION

**University of Michigan**
**B.S. Computer Science**
GPA: 3.86/4.00
Minor: Music
LSA Honors
**Ann Arbor, MI** | Expected **May 2024**

## PORTFOLIO

**linkedin**.com/in/kayla-lee1116
**github**.com/ kaylalee1116

## COURSEWORK

- Data Structure
- Algorithms
- Applied Computational Machine Learning
- Discrete Math
- Calculus II
- Linear algebra
- *Computer Organization*

## SKILLS

**Languages**: C++, Python, Javascript, Typescript, HTML, CSS, Julia
**Design**: Photoshop
**Other:** Git, TensorFlow, Keras, sklearn, React, Chart.js

## EXTRACURRICULAR

**Harmonettes Acapella**
Member
*September 2020 - Current*

**DEI Committee – University of Michigan CSG**
Team Manager
*October 2020 – September 2021*

**Eta Kappa Nu – EECS Honors Society**
Electee
*January 2022 - Current*

## WORK EXPERIENCE

**Aite-Novarica Group** | Intern
May 2021 – Aug 2021 | Boston, MA

- Active member of web site migration team focused on merging two web sites resulting from a corporate merger
- Developed plan and executed migration of hundreds of research reports and thousands of users for client portal
- Tested and confirmed unified web site functionality and content

**Transit Matters Labs** | Technical Intern
May 2021 – Aug 2021 | Boston, MA

- Utilize Python, TypeScript, and CSS to calculate, analyze, and create topline statistics for TMs Covid Recovery Dashboard to display discrepancies between pre-Covid and current ridership and service levels of the MBTA
- Developed code to be used by San Francisco Municipal Transportation Agency (SFMTA)

**SureStart** | VAIL Spring 2021 AI/MLTrainee
May 2020 – Aug 2020 | Chicago, IL

- Learned and applied Machine Learning, Data Analytics & Visualization, NLP, Affective Computing, and ethical AI development
- Won 2nd place in VAIL Spring 2021 Makeathon by using ML to develop an auto-adjusting lightbulb that incorporates chromotherapy for those with Seasonal Affective Disorder

## PERSONAL PROJECTS

**Covid Recovery Dashboard** | Front-End | Jul 2021 – Aug 2021

- Calculated and created data visualization of topline statistics of pre-Covid and current ridership/service levels for the Massachusetts Bay Transportation Association (MBTA)
- Processed 2 years of ridership and service level data from MBTA

**Euchre** | Class Project | Feb 2020

- Wrote algorithm to produce a Euchre game that can be played against computer or real people