

# Christopher Lee

(248) 817-9385 | [chrisree@umich.edu](mailto:chrisree@umich.edu) | Troy, MI

---

## EDUCATION

**University of Michigan**  
**B.S. Computer Science**

GPA: 3.6/4.0

Ann Arbor, MI | Expected May 2022

## PORTFOLIO

[chrislee115.github.io](https://github.com/chrislee115)

[linkedin.com/in/chrislee115](https://www.linkedin.com/in/chrislee115)

[github.com/chrislee115](https://github.com/chrislee115)

## COURSEWORK

- Data Structures & Algorithms
- Computer Architecture
- Database Management
- Intro Cybersecurity
- *Computer Vision*
- *Advanced Algorithms*
- *Machine Learning*
- *Operating Systems*
- *Intro Autonomous Robotics*

## SKILLS

**Languages:** C++, Python, Java, Javascript, SQL

**Workflow:** Jira, Bitbucket

**Design:** Photoshop, Premiere Pro

**Other:** Git, GCP Dataflow/Cloud Functions, Unity, React, Node.js, Django, MongoDB, Linux

## EXTRACURRICULAR

**Kappa Theta Pi –**

Member

Jan 2019 - Current

**Funktion Dance Team -**

Co-President

Jan 2019 - Current

## WORK EXPERIENCE

**Productive Edge** | Software Engineer Intern

May 2020 – Aug 2020 | Chicago, IL

- Built data pipeline in Python using NLP sentiment analysis, powerBI visualization, GCP products (Dataflow, BigQuery, Cloud Functions)/Apache Beam data processing
- Worked in team of six interns in Agile workflow, using JIRA and Bitbucket (Atlassian products)
- Collaborated to create automation solutions in banking/finance industry, presented to full-time employees

**Independent Tutor**

Sept 2018 – Mar 2020 | Ann Arbor, MI

- Taught coursework, fundamental computer science topics: i.e. data structures, algorithms, architecture, OOP
- Frequently answered questions on course-specific forum (Piazza), earning badge for being top 10% instructor endorsed answers
- Guided students through project assignments, using various debugging techniques and elaboration of material

## PERSONAL PROJECTS

**UM Course Planner** | Full-Stack Engineer | Jul 2020 – Present

- Producing website using Django to let students create 4-year college plan for specific major
- Combining data-scraper (Selenium), PDF renderer (Poppler) in Python to transform course history audit to usable data
- Collaborating with partner in Agile workflow, using GitHub version control, LucidChart for modeling

**Funktion Website** | Project Manager, Web Dev | Jul 2020 – Aug 2020

- Spearheading creation of static website for extracurricular dance team to adapt to COVID situation, using HTML/CSS, jQuery, deployed using Google App Engine/Google Cloud Storage
- Led and managed team of five to create fluid, informative website

**MBus Notifier** | Android Developer | Jan 2019 – Mar 2020

- Produced Android mobile application in JSX, React Native
- Combined Google Maps API with DoubleMap API to track bus arrival times and nearest stop to current location

**Smart Display** | Desktop Developer | May 2019 – Jul 2019

- Designed, implemented heads-up display Linux desktop application, using Google Calendar, Spotify Web, OpenWeatherMap APIs
- Implemented, tested, refactored auto-run system on Raspberry Pi