

Christopher Lee

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EDUCATION

The College of Wooster | Bachelor of Arts

Expected May 2025

Double Major: Computer Science, International Economics

Relevant Coursework: Machine Learning, Software Engineering, Algorithm Analysis, Data Structures and Algorithms, Operating Systems, Database Systems, Data Analytics in Business, Mathematical Computing, Econometrics

New York University | Prague Study Abroad

Aug - Dec 2022

Field of Study: Central/Eastern European History and European Security

EXPERIENCE

Software Engineer Intern

Sept 2024 - Present

ORDA Wealth Tech | Remote

- Developing a multimodal deep learning model using Python, PyTorch, Keras, and GDAL, analyzing satellite imagery and soil samples to assess soil restoration needs for a joint afforestation project with the Mongolian Forestry Department.
- Diagnosed and resolved production-level issues in a mobile app built with Flutter, facilitating stability and performance improvements across iOS and Android.
- Refactored and optimized website using JavaScript, HTML, CSS, and the Hugo static site generator, reducing load times by 15% and streamlining codebase management.
- Contributed to a backend infrastructure migration from Appwrite to Ruby on Rails, focusing on API integration, data modeling, and enhancing system scalability.

Operations Intern

June - Aug 2023 & 2024

San Francisco Recreation and Parks | San Francisco, CA

- Collaborated with the San Francisco Controller's Office to revamp SFRPD's internal staffing tool using Python, Pandas, Excel, and Power BI. Assessed over 200 facilities, functional areas, and assets for annualized maintenance time.
- Pitched, developed, and field-tested two Power Platform applications for uniform management and irrigation inspections. Worked closely with park section supervisors and IT staff to identify workflow bottlenecks and optimize apps usability.
- Expanded capacity of the irrigation inspection application to intake audits of valves and controllers across 220 parks, playgrounds, and open spaces. Extracted, cleaned, and analyzed data using SQL and Power Platform.

Team Lead

Sept - Dec 2022

Behavio Labs | Prague, Czechia

- Led weekly sprints for an agile team of six software engineers and marketers implementing a Python-based backend text categorization system using natural language processing, proactively mitigating project roadblocks.
- Collaborated with the company's Content Director to create a product roadmap for the launch of Behavio's US platform.
- Met 100% of feature deadlines and delivered five team reports on market segmentation, competitors, and sentiment analysis for consumer brands.

RESEARCH/PROJECTS

Computer Vision for Volleyball Serve Classification

Spring 2024

- Implemented a novel solution for classifying volleyball serves using computer vision and machine learning techniques. Using Python, AlphaPose, and a scikit-learn Random Forest Algorithm, processed and categorized short clips of volleyball serves as float or topspin. Executed on Google Collab and versioned through Git/Github.

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML/CSS, C, C++, SQL, Dart

Frameworks: Pandas, NumPy, PyTorch, Keras, Matplotlib, Hugo, GDAL

Tools: Git/GitLab, CMake, Linux Development, Stata, PowerBI, Power Platform, Excel, Appwrite

LEADERSHIP/ACTIVITIES

Co-Founder, Wooster Google Developer Student Club

Team Captain, Men's Club Volleyball