Ryan Holt

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EDUCATION

University of Minnesota — Minneapolis, MN
Bachelor in Computer Science — *Aug. 2022 – May 2025*

University of Minnesota, Duluth — Duluth, MN
Bachelor in Computer Science — *Aug. 2021 – May 2022*

Woodbury High School — Woodbury, MN
High School Diploma — *Aug 2017 – June 2021*
- Varsity athlete in wrestling
- Junior Varsity athlete in cross country

EXPERIENCE

Park Maintenance at City of Woodbury — March 2021 – August 2023
Woodbury, MN
* Helped run the HealthEast sports complex
* Dealt with heavy machinery

Holiday StationStores — December. 2018 – March 2021
Woodbury, MN
* Served customers in daily transactions
* Itemized and dealt with product shipments weekly

PROJECTS

OCaml Proof Generator | *OCaml, VS Code* — November 2023 – Present
* Developed a program designed to automate the process of generating proofs for OCaml code
* Implemented a parser and a lexer to read OCaml code, including type definitions, function definitions, and proof statements
* Produced proofs with intermediate steps for given functions, or indicating when a proof cannot be found

TECHNICAL SKILLS

Languages: C, C++, Python, OCaml, HTML/CSS
Developer Tools: Git, VS Code, Visual Studio
Concepts: Object-Oriented Programming (OOP), Algorithms, Data Structures

PERSONAL WEB PAGE

https://LookingInAlderaanPlaces.github.io