Connor Adams

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SKILLS

PROGRAMMING

Experienced:
Java • Javscript • TypeScript • HTML/CSS
Familiar:
Python • C# • C++

TECHNOLOGY

Experienced:
Git • Angular • Node.js • Linux • Android Studio
Familiar:
Docker • React/React Native • Unity • AWS

EDUCATION

UNIVERSITY OF WATERLOO

Bachelor of Computer Science
Expected 2023 | Waterloo, ON
Cum. Avg: 92
President's Scholarship of Distinction

ALL SAINTS HIGH SCHOOL

Grad. June 2018 | Kanata, ON
Cum. Avg: 96

ACHIEVEMENTS

2018 | Division Finalists at FRC World Championships
2017 | Level 9 RCM Piano
2017 | Voted Mentor Inspiration and Most Dedicated on robotics team
2014,2015,2016 | Waterloo Math Competiton 1st place in school

EXPERIENCE

GENERAL DYNAMICS | Software Developer Summer Intern

July 2018 - August 2018 | Kanata, ON
- Worked on a global Command and Control system for military use
- Created a fully featured automated metrics and logging system with customized dashboards
- Sped up incoming data speed by adding different data transfer protocols to backend services in Node.js (REST, socket.io, AMQP)
- Designed and built a sortable and searchable target list involving retrieving data from a PostGIS database and displaying the data with Angular
- Added multiple features to the program frontend in Angular
- Created NodeJS backend services for country flags, logging configuration, and object lists, and deployed them into Docker microservices

NOKIA | Future Tech Summer Intern

July 2017 - August 2017 | Kanata, ON
- Maintained and supported router web portals with Java and JavaScript
- Created a PDF export system for complex data displays
- Added REST endpoints to Spring backend in Java
- Created customer desired front-end features in JavaScript and JSP

EXTRA-CURRICULAR

FIRST ROBOTICS | Lead Software Developer

September 2014 - August 2018 | Kanata, ON
- Wrote Java code to interface together code from many different subsystems
- Created a robot tracking and following system based on vision data
- Developed autonomous driving modes for robot in Java
- Created an S-Curve creator and follower for autonomous movements

GEORGIAN COLLEGE | Changemaker Space Volunteer

July 2016 - August 2016 | Barrie, ON
- Maintained, calibrated, and tested 3D printers, a 3D scanner, and a laser engraver for the College
- Worked with college students to 3D print their projects

PROJECTS

STARTERHACKS 2019 | Evego - Team Lead

github.com/cnnr-adams/Evego
- Created a mobile application to find events happening around you
- Used React Native to implement a smooth user interface, Google Maps API, and instant notifications
- Made a Node.js webserver to store events and relay notifications

SNOW DAY PREDICTOR | calculatesnowdays.com

github.com/cnnr-adams/Snow-day-predictor-frontend
- Predicts the chance of a high school snow day based on weather data and a trained neural network
- Backend is a Tensorflow Neural Network that is given OpenWeatherMap data and previous snow day conditions to predict the chances of a snow day
- Frontend is a Node.js webserver with a Python service, both Dockerized and running in an Amazon Lightsail server