Github: /nikolamarunic
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NIKOLA MARUNIC

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EDUCATION

University of Toronto   **cGPA: 3.38**   **2018 – 2022 (expected)**

- 3rd year, Specialist in Computer Science & Minor in Statistics

Relevant Coursework:

- Software Design
- Data Structures
- Algorithm Design
- Databases
- Systems Programming
- Hardware Organization

University of Zagreb   **2019 Summer**

- Exchange Program, language & culture

Languages, Technologies & Skills

- Python, Java, C, Javascript, HTML, CSS, SQL, GraphQL, Verilog HDL
- Git, React, Node.js, Django, Docker, Amazon Web Services, Android Studio, Bootstrap
- Teamwork, problem solving, analytical thinking, quick/independent learning, communication

EXPERIENCE

Advanced Micro Devices (AMD), Markham, ON   **August – October 2020**

Software Developer, Intern

- Worked on the DevOps Team to develop and maintain the Continuous Integration pipeline using Jenkins
- Created various scripts such as one to automatically label different binary driver files based on specific keywords in order to ensure validity of drivers
- Participated in Agile process (triweekly scrum meetings, code sprints), code reviews, requirements meetings, etc.

PROJECTS

Home Inventory System   **"Vault" – Web app**   **2020**

Django, React, SQLite, Bootstrap, Docker

- Created a web app to keep track of a user's important items by keeping a catalog of item locations.
- Intended for use for people (i.e. elderly) who struggle to remember where certain important things were placed (i.e. important documents, valuables, etc.)
- Created a REST Api that served information from the database to the react frontend

Investment Portfolio Manager   **www.potatocalculator.com**   **2020**

React, AWS (Amplify, DynamoDB, Cognito, Route 53)

- Created a web app to manage user's investment portfolio and calculate where to invest based on a user's current portfolio and target allocations of their holdings.
- Eliminated need to do manual biweekly calculations/data entry by having the app read exported CSV data and save results to a Dynamo database through Amazon Web Services.
- Used Amazon Web Services for database/user authentication/domain hosting/app deployment.

TD Webbroker Investment Tool   **Command Line Tool**   **2020**

Python, openpyxl

- Created a python script to read account information from a spreadsheet and given a dollar amount would calculate where to invest money and saved values back to the spreadsheet.
- Eliminated biweekly calculation/data entry and served as a precursor to the portfolio web app.

Pickup Sports Match Finder   **"PickUp" – Android App**   **2020**

Java, Android Studio

- Created for Hack the Valley IV allowing users to find casual events such as pickup sports nearby through Google Maps and Radar.io APIs by showing event pins from other users on a map.
- Used many Android features such as map fragments and created a server for user communication