Ilker Hadzhalaran

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ilker-h.com | github.com/ilker-h | linkedin.com/in/ilkerhadzhalaran

Skills

Languages

C++, C#, Python, JavaScript, TypeScript, PHP, HTML, CSS, VB.NET, MongoDB, MySQL

Libraries, Frameworks, Etc.

Angular, Angular Material, Bootstrap, jQuery, NodeJS, ExpressJS, Mongoose, Firebase, RESTful API Architecture, Dotenv

Tools

Visual Studio, NPM, VirtualBox, Git, GitHub, Atlassian Suite, GitLab, Chrome DevTools

Artificial Intelligence & Machine Learning

TensorFlow, Keras, NumPy, pandas, scikit-learn, Matplotlib, Conda, Anaconda Navigator, Jupyter Notebook, MATLAB

Capstone: Virtual Reality Tour

learning-factory-vr-tour.firebaseapp.com

Education

McMaster University
Bachelor of Technology in Automation Engineering (Co-op)
Graduated Dec, 2020 | Hamilton, ON

Other Skills

Linux & Windows Environments
Unity Game Engine
CAD Software
Creating WordPress Websites

Experience

Software Developer • Citigroup
Jul, 2021 – Present | Mississauga, ON

Software Developer Intern (4 months) • McMaster Manufacturing Research Institute
May – Aug, 2020 | Hamilton, ON | See Result at: vimeo.com/450177340
- Created data visualization, analytics, and test software for FANUC manufacturing machines in a Windows environment.
- Developed with MongoDB, ExpressJS, Angular, NodeJS (MEAN stack), FANUC's MT-Linki API, and third-party libraries.
- Designed app architecture, used Atlassian Suite workflows, and performed DevOps duties, including managing deployments.

Software Developer Intern (8 months) • Advanced Particle Tech.
Jan – Aug, 2019 | Waterloo, ON
- Worked on developing a web app for helping users manage different versions of their 3D model files. Used MongoDB, ExpressJS, Angular, NodeJS (MEAN stack) in a Linux environment.
- Worked with third-party libraries to create features (e.g. PDF viewer).
- Contributed to various types of documentation (e.g. SRS document).

Product Development Intern (4 + 8 months) • 3Dstream Inc
May – Aug, 2017 and Jan – Aug, 2018 | Hamilton, ON
- Completed UI/UX design for parts of a workflow management software for manufacturers that use 3D printers.
- Worked on HTML/CSS with frontend team.
- Turned customers' needs into software specifications.
- Created WordPress website and made HTML/CSS modifications.

Personal Projects (More On GitHub)

QuickPass Password Manager | *quickpass-app.com*
- Designed and developed fully responsive Angular-Firebase web app.

Hackathon: Portfolio Manager App | *vimeo.com/593492344*
- Angular-Springboot app that helps a user manage their financial portfolio, with real-time API data.

Coral Catastrophe Unity Game | *vimeo.com/381808251*
- Player is a fish that wants to avoid swimming into oncoming coral.

Video walkthroughs of 12 projects: vimeo.com/channels/1525169