Electrical Engineering
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STEFAN NESTOROVSKI

SKILLS

- **LANGUAGES**: JavaScript, C++, Java, HTML5 and CSS, Python, C#, Arduino, R
- **TOOLS**: Node.js, Vue.js, SQL, Visual Studio, Git, Matlab, Heroku, Unity3D, Android Studio
- Capable of quickly learning concepts, applying them, and teaching them to others
- Works well with teams, easy to talk to, and always willing to help others
- Strong work ethic, understands the importance of deadlines
- Enjoys taking on challenges and can work independently

PROJECTS

- Created my own website using JavaScript, CSS, HTML on the front-end and Node.js, Heroku on the back-end
- Developed a feeding timer system for my pet rats using Arduino
- Utilized Android accelerometer to create app similar to "2048", controlled by physical movement of the device
- Developed several Flash-like games & simulations using JavaScript for browser and C# with Unity
- Created a satirical "fake news" checking website for local hackathon *Enghacks*
- Electrical engineer on WatSub, the University of Waterloo's submarine racing team

EXPERIENCE

Software Developer | Ground News ⬤ | Jan 2019 – Apr 2019
- Full-stack development on a 2-person team
- Used MySQL, Elasticsearch, Node.js, and Vue.js on a day-to-day basis
- Implemented optimizations, APIs, scripts, and app designs
- Key contributions: "Trending News" carousel, automated image search script, multi-device support

QA Analyst | FleetCarma ◎ | May 2018 – Aug 2018
- Played a critical role in developing algorithm for pairing electric vehicles to charging stations
- Documented and ran manual and automated tests using Selenium, Terraform, Runscope, and Jira
- Presented demos of product updates to company management
- Gained a strong understanding of relational databases, SQL queries, and C# code structure

QA Specialist | RouteThis ⸬| Sept 2017 – Dec 2017
- Gave numerous ideas to further develop the QA position's duties at this start-up
- Commended for strong understanding of product and providing effective solutions for improved UX
- Devised and implemented ranking system for marketing team to improve their workflow

Systems Integrator | Manulife Financial 📊| Jan 2017 – Apr 2017
- Presented an innovative "health and wealth" lifestyle app idea to over 40 Manulife executives
- Developed a website to track work hours for a team of 20 employees across Waterloo and Montreal
- Worked with Unix servers & gained an understanding of the fundamentals of DevOps

Summer Camp Leader | AMA Dojo Mississauga 🔴| Jun 2015 – Aug 2015
- Over 70 hours of martial arts volunteering experience with children aged 4 to 12
- Demonstrated leadership, patience, and a positive attitude

EDUCATION

Candidate for B.ASc. in Electrical Engineering | University of Waterloo 🛡| Sept 2016 – Present
- Relevant courses taking or completed include:
  - Algorithms and Data Structures (C++ development)
  - Discrete Mathematics (Graph Theory, combinatorics)
  - Digital circuits (Work with microcontrollers and FPGA)
  - Engineering Design with Embedded System (Android development)

ACTIVITIES & INTERESTS

- Fixing and understanding how electrical/mechanical components work
- Using Adobe Photoshop, Premiere, and After Effects for creative projects
- Producing and writing electronic music
- Staying fit through 5 years of karate, jiu jitsu, and gym training
- Playing video games
- Viewing and laughing at memes