

VIN KUMAR

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EDUCATION

University of Ottawa

May 2021

- Bachelor of Applied Science Electrical Engineering (Co-op) and Bachelor of Science in Computing Technology

WORK EXPERIENCE

PV Engineer Intern

January 2020 - September 2020

Ciena, Ottawa, ON

- Developed a fully functioning System Admin Dashboard that allows the sys. admins to control the different services running in any particular server it was installed on. react/redux/RESTful API/MaterialUI/PHP/Apache/Linux
- Created and updated many test and test automation scripts that controlled a variety of proprietary software/tools.
- Trained in creating captives of different server nodes, through fiber optics, that were used in a multitude of diagnostic tests.

Full Stack Engineer (Co-op)

May 2017 - August 2017

GroogIT, Gatineau, QC

- Developed a fully functioning front-end as a dependent entity along with a fully functioning back-end as an independent entity (a Web App) in a 3-man team
- Front-end, used HTML, CSS, Javascript, JQuery, PHP and used twig to render all of the HTML files
- Back-end, created a web service using an architectural style called REST along with Symfony's ORM component known as Doctrine

Software Automation Engineer (Co-op)

September 2016 - December 2016

Ranovus, Ottawa, ON

- Developed an automated regression test suite to be used by design engineers to verify system functionality. Automated documentation, using the Sphinx compiling tool and ReStructuredText. Python/Pytest/Unittest/Tera Term
- Performed QA (quality assurance) testing of new firmware/GUI releases for the optical control boards as well as maintenance. Reported all bugs through the use of Bugzilla and Jira tickets.

.Net Programmer (Co-op)

January 2016 - May 2016

Public Services and Procurement Canada, Ottawa, ON

- Team 1, Maintained servers by creating a diagnostic log on its status everyday reporting, and investigating on its issues, troubleshooting them.
- Team 2, Created a full desktop application (Java) to automate server testing and service checks.

IT Support Assistant (Co-op)

May 2014 - August 2014

University of Ottawa, Ottawa, ON

- Provided answers to clients by identifying problems; researching answers; guiding clients through corrective steps.
- Developed client training programs by identifying learning issues; recommending instructional language.

ACTIVITIES

Electrical Team Leader

September 2017 - August 2017

uOttawa Robotic Boat Competition

- Delegated tasks we planned out the electrical schematics of the boat and planned a head
- Held weekly meetings, kept tabs on progress of the team's work and the goal set while also motivating them to continuing them forward

SKILLS

Programming Languages Knowledge of Certificates

Java, C/C++, Python, HTML/CSS/Javascript, MATLAB, PHP, SQL, React
PIC Programming, Fusion 360, Electrical/PCB/IC Design, Assembly & Design
Enhanced Security Clearance in 2016 from the Canadian Government (active)