

# Haris Ghauri

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## OBJECTIVE

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Seeking a Full-Stack Developer/Testing position that revolves primarily around the Web (HTTP Communication)

## EDUCATION

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Bachelors of Engineering (B.Eng) - Specialization in Software April 2018  
Carleton University, Ottawa

## SKILLS

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Programming Languages:	<i>JavaScript, Java, C, C#, Python, php</i>
Web Technologies:	<i>React.js, Node.js, Express.js, ASP.NET/MVC</i>
Web Services & API:	<i>RESTful, GraphQL, SOAP,</i>
Databases:	<i>MongoDB, Microsoft SQL Server, AWS DynamoDB</i>
Version Control, Testing, & CI:	<i>Travis CI, Puppeteer, Chai, Mocha</i>
Cloud, DevOps & Messaging:	<i>AWS Lambda, Firebase, Serverless, Google Pub/Sub</i>

## WORK EXPERIENCE

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Software Developer -- Noibu December 2018 - Present

- Architected, developed and tested scalable backend RESTful API.
- Developed Virtual Store Experience applications for web using a Single Page Application Library - React 360.
- Integrated Noibu's E-Commerce backend API with various E-Commerce platforms such as Magento and Shopify.
- Collaborated in weekly meetings to address customer requirements and plan new feature enhancements.
- Supervised and mentored Junior Software Development Intern.

Programmer Analyst -- Statistics Canada May 2017 - December 2018

- Enhanced security measures within various web applications.
- Automated various manual processes by writing SQL scripts and queries to increase efficiency by 80%.
- Designed front end user interface using Federal government Web programming standards.
- Transferred old ASP.NET applications from Windows Server 2003 to Windows Server 2008.
- Consumed various SOAP services within the organization in order to centralize specific business needs.

Technical Officer -- Statistics Canada May 2016 - May 2017

- Collaborated with Statistics Canada Economic and Geographic teams to gather functional requirements.
- Developed user stories for multiple end users.
- Architected, developed and tested a small-scale multi-user Microsoft Access application using VBA.
- Organized bi-weekly meetings to obtain feedback and address concerns of Microsoft Access application users.
- Documented the entire application so it could be maintained in the absence of technical skills.

## PROJECTS

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4th year project IOT Hydroponics System -- Carleton University September 2017 - April 2018

- Created a program to collect plant growth data using Python Image processing Library - OpenCV.
- Architected and developed a realtime web application using Ionic and Firebase to analyze and monitor plant growth.
- Automated the process of providing nutrients to plants using Arduino and Raspberry Pi.

Client Server File Transfer (TFTP) Application-- Carleton University May 2016 - June 2016

- As a team of quadruplets, architected and developed a multi-threaded file transfer system using TFTP (RFC 1350) specifications.
- Placed an error simulator in the middle of the client and the server to test robustness of communication.

## EXTRACURRICULAR & VOLUNTEER EXPERIENCE

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VP Webmaster & VP Internal -- Carleton University Robotics Club September 2014 - April 2015

- Created Carleton CanSat Website and maintained Carleton University Robotics Club website.
- Managed emailing list and ensured regular communication amongst club members.

Physical Computing Volunteer-- Virtual Ventures Carleton University 2014 - 2015

- Organized and led workshops to teach Arduino Microcontroller programming to middle school students.