# Patrick Lee

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## Education

**Richard Ivey School of Business,** Western University, London, Ontario                   2016-2019
*Candidate for Bachelor of Arts, Honors Business Administration (HBA)*
- Enrolled in dual degree program

**Western University,** London, Ontario                   2014-2019
*Candidate for Bachelor of Engineering Science, Software Engineering*
- TD Scholarship in Engineering, Western Scholarship of Excellence, Dean's Honor List (2014-2016)

## Work Experience

**London Hydro,** London, Ontario                   Summer 2017
*Software Developer Intern*
- Assisted in the business processes of a pilot program that equips participants with real-time energy-measuring home automation systems to educate and influence the energy-consumption patterns of residents
- Developed an internal web portal using Python, Django, and PostgreSQL to assist employees with integrating the pilot program with a new data warehouse system; provided employees the ability to monitor and control participants, displayed real-time energy data, and highlighted immediate customer connectivity issues
- Collaborated alongside business systems analysts to generate use cases, evaluate hardware vendors, and perform presentations to internal executives and third-parties

**Developers' Foundation,** London, Ontario                   May 2017 - Present
*Web Developer*
- Developed lean and efficient websites for organizations that do not have the funds or staff to create their own solutions
- Collaborated with designers to better understand the necessities of the client and their online brand

**CogniFrame,** Toronto, Ontario                   Summer 2016
*Software Developer Intern*
- Deployed several full-stack web solutions in ASP.NET MVC using C#; applications acted as dashboards for the clients of the company's SaaS B2B business model, providing a complete user account system
- Utilized the output from Azure Machine Learning experiments; ensured the data was displayed through readable and user-friendly mediums such as live statistics and graphs
- Configured SQL databases, servers, and a virtual machine through the Microsoft Azure platform; concentrated on efficiency and scalability which led to a quick, successful launch for early customers

## Extracurricular Activities & Other Projects

**FaceTag,** *Team Leader & Software Developer*                   2016
- Led the development of an Android app with a team of 4; project was awarded the Most Promising Future Startup Award at NHacks 2016, an annual hackathon competition
- Implemented camera and image functionality by utilizing a facial recognition API to connect a picture of a user with their social media profiles; gamified conventional networking through a point-based system that rewarded users for connections made

**Engineers Without Borders Canada,** *Content Organizer of xChange Conference 2016*                   2015-2016
- Organized one of four session streams for the 600+ delegates of National Conference with planners from EWB National Office and other members from Chapters across Canada
- Officiated the creation of more than 15 sessions alongside recognized professionals and facilitators; provided administrative support as well as criticism in regards to session content

**Engineers Without Borders Canada, Western University Chapter**, *Director of Global Engineering*                   2014-2016
**Western University Korean Students Association**, *VP Communications*                   2014-2016

**Skills/Software Tools**: Java, C#, C++, Python, Django, ASP.NET, Javascript, Node.js, SQL, Git, Android Studio, Visual Studio, Unity