# NIROOJEN THAMBIMUTHU

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## OBJECTIVE

Seeking an entry or junior level position that would allow me to utilize my various skills to further develop my abilities in the field of Computer Science.

## EDUCATION

**Bachelor of Science, Computer Science**                    *September 2014 - April 2019*

- Specialization: Information Security
- University of Calgary - Calgary, AB
- **Course Highlights**: Security, Software Development, Database Programming, Web Design, Network

## CERTIFICATIONS

**Full-Stack Web Development with React Specialization**        *April - September 2019*

- Build Web and Hybrid Mobile Solutions using React
- Front End and Server-Side Development

**Google IT Support Professional Specialization**                *May - June 2019*

- System Administration and IT Infrastructure Services
- Technical Support Fundamentals and IT Security

## RELEVANT EXPERIENCE

**QuickSplash Game - Web-Based Systems (SENG 513)**            *January - April 2019*

University of Calgary - Calgary, AB

- Build a party game, in a group of six, which allows multiple users to play simultaneously
- Developed the front-end mainly using React, HTML, CSS, Bootstrap, CreateJS and the back-end using Node.js, along with Socket.io for both, and cookies and MongoDB implementations.
- Tested the application with Google Developer Tools, for mobile and responsiveness testing, and general testing for game dynamics
- Hosted on http://www.quicksplash.ca/

**Rental Website - Database Management Systems (CPSC 471)**    *September - December 2017*

University of Calgary - Calgary, AB

- Created and implemented a rental housing market website, for our database course, using SQL and PHP
- Personally scheduled weekly meetings and communicated effectively with the team to ensure successful completion of the project
- Completed the technical documentation and testing of the project in a short period of time

**Password Meter Research Papers (CPSC 525/530)**            *September 2017 - April 2018*

University of Calgary - Calgary, AB

- Conducted research on the effectiveness of password meters to users, resulting in a better understanding of security processes and protocols
- Worked in a group of four to collect and analyse quantitative password meter data from websites, including other research methods
- Reported findings through written report and presentation

## TECHNICAL SKILLS

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|---|---|
| **Programming Languages** | Python, Java, C, C#, LaTeX, PHP, SQL, JavaScript, HTML, CSS |
| **Software & Tools** | TeX-works, Visual Studio code, GitHub, Eclipse, MS Office |
| **Database Management** | MySQL, MongoDB |
| **Operating System** | Windows, Linux, Mac-OS |
| **Soft Skills** | • Proficient in individual or group settings |
| | • Strong analytical and problem solving skill |
| | • Hardworking, Diligent and Punctual |
| | • Bilingual language proficiency |

## OTHER EXPERIENCE

**Service-Clerk/Cashier** *September 2013 - Present*
Calgary COOP - Calgary, AB

- Responsible for managing transactions, organizing store presentation, and participating with the management to increase productivity of the business
- Efficient in building and maintaining diverse customer relations and resolving customer problems, leading to increase in retail sales and customer satisfaction
- Demonstrated great leadership traits, and trained other employees to ensure high service standards are followed

## INTEREST

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| **Activities** | Biking, Swimming, Driving, Reading, Logic Games, Fitness |
| **Technology** | Computers, Small Devices, Security implementations, Video Games |