Ash Anand

SOFTWARE ENGINEERING STUDENT

WWW.ASHANAND.DEV

WORK EXPERIENCE

Software Developer Intern - Saba Software

- Developed front-end components and implemented new features for a web application (**Angular, JavaScript, SCSS**)
- Refactored Angular components to follow better design practices and implemented bug fixes

Software Developer Intern - Cheetah Networks

- Contributed to the development of a system to prevent distracted driving
- Developed core Bluetooth functionality for an Android application, in order to implement wireless communication with an external hardware unit (**Java, C++**)
- Designed and wrote firmware for a custom device to enable Bluetooth communication with a mobile application (**C**)

Software Developer Intern - Ross Video

- Created new features for the UI of OverDrive software (**Java, HTML, CSS, JavaScript**)
- Migrated software UI platform to the latest version (**Eclipse RCP**)

Software Developer Intern - Agriculture and Agri-Food Canada

- Managed and developed features for the SharePoint site of the HR department (**JavaScript**, **HTML, CSS**)
- Created a dashboard tool for monitoring the status of various server computers (**Java**)

PERSONAL PROJECTS

CallBell

- Developed an IoT-based callbell system with a physical circuit which creates a toast notification on a computer when a button is pressed (**Node.js, Arduino**)

PocketSpace

- Created a webapp that allows users to create their own "PocketSpace"; a scannable QR code that will show their profile in AR (**React, Firebase**)

Strength Bros

- Built a platform for online multiplayer fitness-based minigames that use phone sensors and websockets to animate players on the screen as they perform exercises. Created during ConUHacks 2019 (**Node.js, React**)

SKILLS

Languages: JavaScript (ES6), TypeScript, Java, C++, C, HTML5, CSS3
Libraries/Frameworks: React, Angular, Socket.io, jQuery, Bootstrap
Tools: Git, Firebase, NPM, Yarn, Mocha, Chai, Postman, Heroku, Netlify, MongoDB, PostgreSQL, Linux

EDUCATION

2015-2019 | University of Ottawa
Bachelor of Applied Science in Software Engineering

CONTACT

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