Julie Bernelot Moens

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TECHNICAL SKILLS

Tools: WebStorm, C-Lion, Visual Studio, DBeaver, JUnit Testing, Jasmine, P4V, Git

Languages: Typescript, Javascript, Java, C++, R, Python, HTML, CSS

Database Management: PostgreSQL, MySQL

PERSONAL PROJECTS

Bramble Bashers

www.bramblebashers.com

Website created for me and my friends, all of whom really enjoy playing Disc Golf. The website has a React front end, Express backend, is hosted on Amazon Lightsail and uses a PostGres database hosted by Amazon RDS.

East Van Euchre

www.eastvaneuchre.com

Website created for a group of friends who got very very into Euchre throughout the 2020 lockdown. The website has a React front end, Express backend, is hosted on Amazon Lightsail and uses a PostGres database hosted by Amazon RDS.

MRingMaster

MRingmaster is a collaborative project between UBC, SFU and the Center for Digital Media. My team is working on creating a prototype tool for directors to use to visualize Virtual Effects while directing a physical performance. We are developing the tool for the MagicLeap AR glasses, using the Unreal game engine.

Echo's In The Dark

https://github.com/jmoens/echos_in_the_dark

2D game created for CPSC427 (Video Game Programming). The game features a little round robot who is trying to bring color back to a world after evil ghosts have stolen it all away! The robot has a headlamp that's color determines when certain objects and platforms are visible. The game was made using C++ as well as OPENGL.

Super Rent

https://github.com/jmoens/super_rent

Website created for CPSC 314 (Introduction to Relational Databases). The website was made to act as a front end for a rental car agency. Users were able to make reservations and rentals, as well as view reports queried from the database. Frontend was React and TypeScript, while the database was maintained using PostgreSQL.

WORK EXPERIENCE

Software Engineer MTS
Tableau Vancouver – August 2020

• Work as a full stack software developer on the Advanced Analytics team.

Summer Intern
Tableau Vancouver – May 2019 to Sept 2019

• Worked as a front-end developer on the Natural Language Processing UI team. • Experienced an agile development setting, and learned communication and co-operation skills necessary to work as a part of a development team split across locations.
• Learned to take responsibility for my features while participating in weekly QA sessions where teammates test each other's features for bugs and weaknesses.
• Developed in TypeScript and React for our front-end, and C++ for the backend.

Co-op Student, Part time Software Developer
Copperleaf Technologies – Sept 2018 to May 2019 (Co-op), Sept 2020 to present (Part time)

• Worked as a full stack developer of the Copperleaf Cost team.
• Experienced the development process from attending design meetings and writing specification, to developing features, to regression testing.
• Participated in code reviews and became comfortable both giving and receiving constructive feedback to/from my colleagues.
• Developed in TypeScript and Angular 7 for our front-end and Node.js for our back-end. Learned CSS in order to build and customize front-end components.

Teaching Assistant CPSC110 (*Intro to Functional Programming)*
University of British Columbia – Jan 2018 to May 2018

• Demonstrated superior understanding of functional programming and was selected to be a teaching assistant for this course.
• Receive outstanding evaluations from students in my office hours and lab sections.

Research Assistant – BRC BioResource
Institute of Psychiatry-Kings College London - June 2014 - August 2017

• Worked on a research project focused on accumulating a database of genetic material from participants with mental health disorders and other complex neurological conditions.
• Main responsibility was the AN25K initiative, focusing on men and women suffering from anorexia.
• Handled sensitive patient information safely using online secure database, RedCap
• Prioritized tasks and managed a large workload to meet important deadlines

EDUCATION

Bachelors of Computer Science
University of British Columbia: Graduating May 2020

Bachelors of Science in Biology
University of British Columbia: Graduated May 2012

EXTRACURRICULAR

Team Canada Ultimate Frisbee
Bronze Medal - World Championships 2016 | London, England
Silver Medal -World Championships of Beach Ultimate 2015 | Dubai, UAE
4th Place - World Championships 2014 | Lecco, Italy
5th Place - Junior World Championships 2008 | Vancouver, Canada

World Championships of Egg Throwing 2017
Runners Up in Egg Throw and Catch, Gold Medal in Egg Trebuchet and Egg Roulette

Sport and Fitness: I like to challenge myself in all areas in my life. In 2017 I committed to running 2017km in the year. I finished the challenge by October.