

Isaac Macpherson Jaynes

Junior Full-Stack Software Developer

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EXPERIENCE

AllMediaDesk, Austin, Texas— *Jr. Software Developer*

June 2021 - PRESENT

- Full stack development of enterprise software designed to manage advertising campaigns of third parties
- Front and backend bug fixing based on ticketing system
- Worked remotely and independently, as the first software developer hired to work in the USA, then remotely during studies in Vancouver
- Improved skills in JS, Node, HTML/CSS, TypeScript

Merck KGaA, Darmstadt, Hesse— *Cheminformatics Working Student*

November 2020 - April 2021

- Developed validation pipeline for “image2structure” (later named “Lewis”), a machine learning solution for reading chemical structures from images
- Developed refined annotation tool for creating ground thrush datasets for use in training
- Worked in Agile development environment with colleagues to meet predefined timely goals

Tis The Season LLC, Boise, Idaho— *Chief Technology Officer*

January 2019 - November 2019

- Oversaw the development of software and hardware solutions for a startup company
- Developed Android & iOS app as well as supporting backend software to streamline booking of housework services
- Helped the company win 2nd place in an entrepreneurship competition with a prize of \$7k
- Competed with similar services like TaskRabbit

SKILLS

- Java, JavaScript, C++, Python, C, Assembly
- PHP, MySQL, SQL, AWS
- Node.js, jQuery, CSS, HTML
- HTTP/HTTPS, REST APIs
- Git, Agile, DevOps
- System Design
- OpenGL, GLSL
- Full-Stack
- Ionic, React Native

LANGUAGES

- English (Native)
- German (Fluent)
- Spanish (Beginner)
- Russian (Beginner)

EXPERIENCE (Cont.)

Mersive, Denver, Colorado— *Jr. Software Developer Intern*

June 2018 - July 2018

- Worked in a team of designers to create a user-friendly Android app to integrate into Mersive's existing ecosystem
- Iterative design used to create an aesthetically pleasing, functioning app
- Ensured that bug reports were remedied, and all issues were handled in a timely manner
- Wrote clean, clear, and well-tested code
- Completed job faster than anticipated

EDUCATION

University of British Columbia, Vancouver, BC, Canada—*BSc in Mathematics*

- Relevant coursework includes many CS courses in graphics, AI, low- and high-level programming, as well as various Psychology, Linguistics and Cognitive System courses

Boise State University, Boise, Idaho, USA— *BSc in Computer Science*

- Completed first year of Bachelor's degree before transferring to UBC with 3.86 GPA

Landrat Gruber Schule, Dieburg, Hesse, Germany— *Abitur (High School Diploma)*

- Specialized in Electrical and Computer Engineering

Links

- LinkedIn - <https://www.linkedin.com/in/isaac-m-jaynes/>
- Personal - <https://www.ijaynes.com/>