

# Isaac Macpherson Jaynes

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Bilingual full stack software developer with experience in enterprise software development and agile development environments. Skilled in JS, Node, HTML/CSS, TypeScript, and Python. Seeking a full stack software engineering position where I can utilize my skills and experience to make a positive impact. Graduating from the University of British Columbia with a Bachelor's of Science in Mathematics in April 2023. Coursework includes wide variety of CS topics, as well as various Psychology, Linguistics, and Cognitive System topics.

Willing to relocate: Anywhere

## Work Experience

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### Junior Software Developer

AllMediaDesk - Austin, TX

June 2021 to 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
- Improved skills in JS, Node, HTML/CSS, TypeScript

### Cheminformatics Working Student

Merck KGaA - Darmstadt, Hesse

November 2020 to April 2021

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

### Chief Technology Officer

Tis The Season LLC - Boise, ID

January 2019 to 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 our housework services
- Helped the company win 2nd place in an entrepreneurship competition with a prize of \$7k
- Competed with similar services like TaskRabbit

### Software Developer Intern

Mersive - Denver, CO

2018 to 2018

- Worked in a team of designers to create a user friendly android app to integrate in 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

### **Data analyst intern**

EUMETSAT Europäische Organisation für meteorologische Satelliten - Darmstadt  
2016 to 2016

- Learned how to analyze and interpret data received from various weather satellites
- Debugged problems in communication with weather satellites

### **Intern**

Autohaus Brass Darmstadt GmbH und Co. KG Opel Verkauf und Service - Darmstadt  
2015 to 2015

- Worked with colleagues to repair and conduct maintenance on various cars

### **Intern**

FRENGER SYSTEMEN BV Heiz- und Kühltechnik GmbH - Gross-Umstadt  
2014 to 2014

- Worked with industrial machines to create industrial heating/cooling units
- Worked as part of a production line, where slacking was not acceptable

## **Education**

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### **Bachelor's of Science in Mathematics**

University of British Columbia - Vancouver, BC  
September 2019 to April 2023

### **First Year of Bachelor's of Science in Computer Science**

Boise State University - Boise, ID  
September 2018 to July 2019

### **Abitur in Electrical and Computer Engineering**

Landrat Gruber Schule - Dieburg  
September 2015 to July 2018

## **Skills**

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- Java, C++, Python, Lisp
- Software Development and Design
- PHP, MySQL, Assembler
- AWS
- Software Development
- MySQL

- PHP
- Git
- Agile
- C/C++
- JavaScript
- SQL
- User Interface (UI)
- Node.js
- Computer Science
- GitHub
- HTML5
- CSS
- APIs

## Languages

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- English - Advanced
- German - Advanced
- Spanish - Beginner
- Russian - Beginner

## Links

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<http://www.linkedin.com/in/isaac-m-jaynes>