Alexander Stewart

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Education

Algonquin College   *Ottawa, Canada*
Diploma of Computer Programming   *Class of 2022*
- Program specializing in development strategies (using Object-oriented modelling), database design and database administration
- Leading industry software products used such as Oracle and CASE tools, programming languages such as Java and SQL, and frameworks including React.js and React Native
- Studied object-oriented analysis and design, operating systems, and coding in integrated environments
- Learned how to debug, test, and maintain codes
- Participated in software development projects using AGILE Methodology to mimic real-world programming experience
- Program focus: to learn workplace-ready programming languages and practical applications

University of Toronto   *Toronto, Canada*
Coding Bootcamp   *2018*
- Industry-driven curriculum where in-demand web development skills learned
- Full-stack programming languages and frameworks learned including JavaScript, HTML, CSS, jQuery, Bootstrap, Node.js, MySQL, Mongo DB, Express.js, React.js
- Program focus: to learn workplace-ready skills to become proficient in front-end and back-end technologies

Development Experience

Rose Software Inc.   *Toronto, Canada*
Web & Mobile App Developer (Part Time)   *July 2022–Present*
- MERN stack mobile dating app & website (startup)
- Currently working on this app as a Web & Mobile App Developer alongside a UI/UX designer and a senior developer under the Agile Methodology
- Utilized Retool, Amazon Rekognition
- Business value: To help users make meaningful and lasting social connections

Stoic Nature   *Toronto, Canada*
Mobile App Developer (Freelance)   *January 2021–Present*
- MERN stack mobile journaling app with prompts inspired by the Stoic philosophy
- Currently working on this app as a Mobile App Developer alongside a UI/UX designer and a senior developer under the Agile Methodology
- Business value: To improve the mental health and life outlook of users through the use of introspection and the knowledge of Stoic philosophy

Group Six Solitaire   *Toronto, Canada*
Front End Developer / UI/UX Designer   *May 2022–August 2022*
- React solitaire web app that includes a scoring system, auto stack, drag to stack, and multiple game modes
- Worked alongside four other group members as a front-end developer and UI/UX designer under the Agile Methodology
- Business value: To deliver a joyful, cerebral, and challenging experience

Burning Num   *Toronto, Canada*
Mobile App Developer   *July 2022–August 2022*
- A math-based puzzle game
- Designed, developed, and deployed independently

- Business value: To challenge and hone users' spatial reasoning and basic math abilities

CigQuit   *Toronto, Canada*
Mobile App Developer   *February 2022–April 2022*
- MERN stack mobile app designed to help motivate users to quit smoking
- Tracks various smoking metrics such as money saved, and cigarettes avoided
- Share your smoking metrics with friends and view other's quitting metrics all within the app
- Designed, developed, and deployed independently
- Business value: To help smokers navigate their quitting journey by helping to encourage them through quitting metrics and social features

CompSci Calculator   *Toronto, Canada*
Front End Developer / UI / UX Designer   *January 2020–February 2022*
- Web-based calculator that allows you to convert any number to and from hexadecimal, decimal, octal, or binary
- Designed, developed, and deployed independently
- Business value: To allow users to convert between various numeral systems

Circles   *Toronto, Canada*
Front End Developer   *January 2019–February 2019*
- Math-based puzzle game made exclusively for the web using React
- Designed, developed, and deployed independently
- Business value: To challenge and hone users' spatial reasoning and basic math abilities

Skills

- HTML5, CSS, SASS, Tailwind, JavaScript, React, React Native, Node.js, Express.js, MongoDB, MySQL, (MERN stack & SERN stack), Ubuntu, Retool, Amazon Rekognition

Community, Passions & Leadership

Centre for Addiction and Mental Health (CAMH)   *Toronto, Canada*
Youth mental health advocate   *2020–current*
- Contributed to on-line articles and ad campaign for CAMH Foundation

Aurora Baseball Association   *Aurora, Canada*
Head Coach and Umpire   *Summer 2017–2018*
- Coached and umpired youth league

Cool Earth Environmental Organization   *Toronto, Canada*
Fundraiser   *2018*
- Completed half marathon running fundraiser

Passions
- Environmental concerns, mental health advocacy, running, music