Keven Zhu

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EDUCATION

Western University   **London, Ontario**
Bachelor of Applied Science in Software Engineering   Expected April 2021
- **GPA:** 3.7 / 4.0
- **Honors:** Dean's List (2017-2019)

WORK & RELEVANT EXPERIENCE

Fintech Growth Syndicate   **Toronto, Ontario**
Full-Stack Software Engineer   July 2019 – August 2019
- Developed and designed a responsive website using React and Node.js and hosted on AWS
- Implemented user account lifecycle management for the website
- Implemented an approximate string-matching (fuzzy search) algorithm for user searches, improving search query results and reducing search times by an average of 63.7%
- Managed deployment and testing using Bitbucket Pipelines and Amazon Elastic Beanstalk

ITG Canada Corp   **Toronto, Ontario**
Software Engineer   June 2018 – August 2018
- Developed a trade monitor that tracks incoming trades in real-time using C# and the ASP.Net framework
- Optimized and improved a file transfer console using C# and FTP
- Implemented time-saving features to a real-time trade monitor written in C#

Ivey Fintech Club   **Western University, London, Ontario**
Back End Developer   September 2018 – Present
- Developing a web-based course rating platform using React
- Led the development team in the core architecture design
- Played a pivotal role in re-organizing the team to improve work efficiency

Sunstang Solar Car Team   **Western University, London, Ontario**
Developer   September 2017 – Present
- Created a GPS component which tracks the car's position and outputs the telemetry data onto an LCD display
- Created an MPPT, a component which tracks the power output of a charging component compares it with the battery voltage to optimize the charging current to the battery

Personal Projects

Personal Website: kevenzhu.com (for additional information and projects)

Western Course Planning Website
- A course planning and student rating site
- Incorporated Facebook login to allow students to view their friends' schedules
- Technologies: HTML, CSS, React, Firebase

SKILLS

Languages and Frameworks: Java, C++, C#, React, Node.js, JavaScript, HTML, CSS, ASP.NET

Databases: MySQL, Sybase, Firebase

Other Technical Skills: Arduino Design, DevOps, Continuous Integration

AWARDS

Google HashCode 2019
Data structures and algorithms
- Placed top 30 in Canada

Mount Allison Programming Showdown 2019
Data structures and algorithms
- Placed top 30