

Jordan Chalupka

Software Engineer

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Address: 3060 Little Ireland Road
Alvinston, ON, N0N1N0

Skills

Data Bases

- Knowledge of Entry-Relationship data modeling, relational algebra and calculus, and advanced components of SQL.
- Able to perform query optimization, database security, transaction management and concurrency.

Team Player

- Thrives in collaborative programming with large groups and able to take a leadership role.
- Able to work well with a team as demonstrated by in-class pair programming and group projects.

Organized Developer

- Able to use several software development methodologies such as scrum, extreme programming, and lean in order to maximize work efficiency.
- Experience using version control systems in both school and personal projects to collaborate and stay organized.

Languages

Javascript
Typescript
SQL
C

HTML
CSS
Java
Python

Bootstrap
Docker
Node
Regex

Education

Software Engineering (Co-op) at University of Guelph
B.Sc. Statistics Minor

September 2015 - Present

- Dean's Honour List (Fall 2015, Winter 2016)
- University of Guelph Entrance Scholarship (90+)
- 3.7 GPA

Secondary School Diploma at Lambton Central, Petrolia

September 2011 - June 2014

- *Principles Honour Society Award for 90+ average in Grade 12.*

Projects

YouTube Chrome Extension

July 2016 - Present

- Created a chrome extension which uses QR codes inside the YouTube streaming page to make switching from browser to mobile simple.
- Written with Javascript and JQuery.
- Makes use of the Chrome API and QR code generator web API (qrserver.com).

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|---|--------------------------|
| CDC Data Analysis | January - May 2016 |
| <ul style="list-style-type: none">• Created a service to analyze birth and mortality data from the CDC.• Manipulated big data from CDC records ranging in years from 1979 - 2014.• Created visual representations using statistical knowledge to easily see relations in the data.• Used leadership skills while working with a team of five.• Written in Perl and R. | |
| Web Crawler | September - October 2015 |
| <ul style="list-style-type: none">• Created a web crawler tool to search kijiji advertisements for specific data and send email notifications of relevant advertisements.• Added functionality not present on kijiji site or official API.• Written in Python using BeautifulSoup. | |
| Course2iCal | May - September 2015 |
| <ul style="list-style-type: none">• Collaborated with other students to create a web application that converted an HTML version of student's course schedule into an iCal compatible version.• Added functionality for location information and exam schedules.• Written with Javascript and JQuery. | |

Work Experience

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|---|-------------------------|
| Google Analytics Setup and Support
<i>Freelance</i> | January - February 2016 |
| <ul style="list-style-type: none">• Set up Google Analytics for car dealerships in Florida through UpWork.• Created tools for dealerships to track site's usage. | |
| Student Clerk/Admin Support
<i>Canadian Border Services Agency. Sarnia, ON</i> | May - September 2016 |
| <ul style="list-style-type: none">• Accurately balanced end of day books and prepared bank deposits.• Responsible for large money transactions. | |

Extracurricular

- | | |
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| Guelph Coding Community (GCC) | |
| <ul style="list-style-type: none">• Active member of the GCC who's mission statement is to educate programmers about topics which are not covered in a traditional university environment. | |
| Canadian University Software Engineering Conference (CUSEC) | |
| <ul style="list-style-type: none">• Attended CUSEC 2016 with the University of Guelph. | |

Accomplishments

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| BrookeTelecom Scholarship | June 2016 |
| <ul style="list-style-type: none">• Awarded for community involvement, involvement in school, and academic excellence. | |
| Ontario Power Generation Scholarship | June 2016 |
| <ul style="list-style-type: none">• Awarded for demonstrating leadership and academic excellence. | |