Jordan Chalupka
Software Engineer

Email: jchalupk@mail.uoguelph.ca
Website: jchalupka.github.io
Mobile: 226-932-9223

Skills

AWS
- Knowledgable on several products offered by Amazon Web Services such as Lambda, Step-Functions, Cloudfront, Route53, and Athena.
- Experience utilizing API's for these services to create tools and services.
- Wrote API wrappers for several services in Nodejs.

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.

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 and Technologies

Javascript	HTML	Bootstrap
Nodejs	CSS	Docker
SQL	Java	PHP
AWS	Python	Regex

Education

Software Engineering (Co-op) at University of Guelph — September 2015 - Present
B.Sc. Statistics Minor

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

Seconday School Diploma at Lambton Central, Petrolia — September 2011 - June 2014
- *Principles Honour Society Award for 90+ average in Grade 12.*

Projects

Guelph of Guelph Course Map — June 2017 - October 2017
- Used Casper.js to scrape course information from the University of Guelph.
- Stored course information in JSON using AWS Dynamodb.
- Created a Graphql API to efficiently query specific course data.

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YouTube Chrome Extension   July 2016 - August 2016
- 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).

CDC Data Analysis   January - May 2016
- 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.

Work Experience

Adknown Inc.   May - December 2017
Software Engineer

- Relied on heavily for ability to pick up new technologies where appropriate.
- Built a domain registration system integrated with a CMS using AWS and Nodejs.
- Passed on knowledge of Nodejs as well as other web technologies to full time staff.

Google Analytics Setup and Support   January - February 2016
Freelance

- Set up Google Analytics for car dealerships in Florida through UpWork.
- Created tools for dealerships to track site's usage.

Extracurricular

Guelph Coding Community (GCC)
- Active member of the GCC who's mission statement is to educate programmers about topics which are not covered in a traditional university environment.

Advent of Code
- Participated in the 2017 advent of code.

Canadian University Software Engineering Conference (CUSEC)
- Attended CUSEC (2016-2018) with the University of Guelph.