

# JORDAN CHALUPKA

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jchalupk@uoguelph.ca

chalupka.me

226-932-9223

## Skills

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**Programming Languages and Frameworks:** Nodejs, Javascript, Go, Python, Express, Django, C.

**Amazon Web Services:** Lambda, API Gateway, Cloudwatch, S3, CloudFront, EC2, IAM, Terraform.

**Design & Methodologies:** Zen of Python, the Twelve-Factor Application, Microservice Architecture.

## Work Experience

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### Kira Talent

May 2018 - September 2018

*Software Developer Intern*

- Demonstrated initiative by proposing and developing a highly cost-effective spelling and grammar checker microservice using the open source project "LanguageTool" as well as AWS Lambda and API Gateway.
- Designed and developed a scalable and low-cost video conversion microservice using AWS Lambda, API Gateway, Elastic Transcoder, S3, CloudFront and the Twelve-Factor App methodology.
- Developed across the stack to add tests, as well as new features to a large Django project.

### Adknown Inc.

May 2017 - January 2018

*Software Engineer Intern*

- Developed an automated domain registration system using Nodejs, Lambda and Step Functions.
- Created a Jira Plugin to add custom time management functionality to Jira using Nodejs and Express.
- Helped several coworkers learn Nodejs and gave a presentation to introduce the development team to AWS Lambda and Step Functions.

## Personal Projects

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### Hugo Resume Templator

August 2018 - September 2018

- Utilized the Hugo framework to create a simple and easy to use resume templating system.
- Resume content is entered using a YAML configuration file.
- Created a Hugo theme to customize the visual appearance of the resume.

### Library Renewal Automator

May 2018 - June 2018

- Automates the renewal of library books using the Chromeless library.
- Runs a headless version of the Chrome browser on AWS Lambda to allow user actions to be simulated using javascript.
- AWS CloudWatch is used to schedule the Lambda to run whenever books need to be renewed.

### Opposite Day

March 2018 - April 2018

- A npm module which takes an article and replaces all of the words with their opposite word in order to create an entertaining opposite version.
- Demonstrates usage of the Datamuse API, as well as modern functional javascript.

## Education

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### Software Engineering (Co-op) at University of Guelph

September 2015 - May 2020

*GPA: 3.7*

*Minor in Statistics*