

Jacob Wieler

SOFTWARE ENGINEER

CONTACT

☎ (289) 716-2746

✉ jacobwieler21@gmail.com

📍 118 Drone Cres.
Guelph, ON N1K 0B9

<https://linkedin.com/in/jacob-wieler-95299519a/>

EDUCATION

April 2022

Software Engineering

*Bachelor of Computing in Software
Engineering with a Minor in
Mathematics*
UNIVERSITY OF GUELPH
– Guelph, ON.

KEY SKILLS

- JavaScript (React.js, Node.js, express.js, jQuery), PHP, C, Python, HTML5, CSS3
- SQL, Git, Agile Methodologies, scrum methods, pair programming, code reviews, code documentation
- AWS (Lambda, EventBridge, CodeDeploy, APIGateway, Cloudwatch, EC2, S3, Elasticache)
- Communication (written and verbal), collaboration, dependability, adaptability, problem-solving, mentoring
- Leadership, management, organization

PROFESSIONAL EXPERIENCE

Technical Lead

Prompt Core - Guelph
October 2023 – Present

- Write and maintain infrastructure via AWS and Azure cloud providers
- Create unique solutions to evolving problems regarding LLMs and AI services like ChatGPT, DALL-E, and Azure Promptflow
- Develop processes to allow users to programmatically interact with LLMs and evaluate results in an efficient manner using the OpenAI API
- Guide company's technical decisions regarding languages, frameworks, cloud services, and product features
- Manage VCS, API keys, RDBMS, and cloud infrastructure

Software Developer

Adknown - Guelph
May 2022 – October 2023

- Developed user interfaces using React.js and the MUI framework to ensure excellent UX for 30+ users
- Integrated backend using PHP to interact with our SQL databases to ensure data integrity and efficiency
- Utilized AWS resources for deployment, CI/CD, REST-ful APIs, WebSockets, and logging/alerting
- Wrote and maintained backend processes using PHP to automate and optimize ad campaign operations for thousands of ad campaigns
- Developed APIs to handle thousands of concurrent requests to track user IPs and detect suspicious traffic

Software Engineer Intern

Adknown - Guelph
January 2021 – August 2021

- Wrote and maintained external-facing sites with thousands of visitors
- Transitioned company to using modern JS framework for front-end (from jQuery/vanilla JS to React.js)
- Improved and maintained legacy backend code to assist marketing professionals to upload and manage ad campaigns