ANUJ OPAL

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⌾ github.com/aopal   🌐 www.aopal.dev

Skills

- Highly proficient with C, C++, HTML/CSS, Javascript, node.js, Ruby, Rails and MySQL
- Experienced with GoLang, Lua, Python, React, React Native, GraphQL, AWS, GCP, Docker and Kubernetes
- Conversational ability in both written and spoken French

Projects

tweet-scrape
- Scrapes tweets by reverse-engineering Twitter's AJAX calls

CoverWorks
- Chrome extension that generates tailored cover letters for WaterlooWorks job postings

RSA Encryptor
- node.js CLI tool to encrypt/decrypt text files

Other Organizations

Editor, mathNEWS
January 2018 – Present
- Build the layout of the paper and general administrative work

Director of PR, CrossingsCon
May 2018 – Present
- Manage the website, marketing strategy and outreach for the convention

Developer Lead, Skybunk
May 2018 – Present
- Help architect and build a web and mobile app. Code review PRs from less experienced contributors

Hobbies

Writing
- Poetry, short fiction. Slowly working on a novel

Music
- Amateur singer and acoustic guitarist

The Outdoors
- Avid canoeist, hiker and rock climber

Education

University of Waterloo, Waterloo, ON
September 2015 – Present
Candidate for Bachelor of Computer Science, Honours
Minoring in English Language and Literature

Work Experience

Production Engineering Intern, Shopify
January – April 2019
- OS X, GoLang, Lua, Kubernetes, GCP
- Platform protection via nginx WAF and a real-time bot detection system
- Architected and built a new service as the technical lead on the project
- Handled support issues from several large clients

Developer Intern, Shopify Plus
May – August 2018
- OS X, React, Ruby, Rails, MySQL, GraphQL, GCP
- Independently designed, built and deployed several major features
- Collaborated with team members on many features, both pair programming and mutual code reviews

Software Developer Co-op, Vidyard
September – December 2017
- OS X, React, node.js, Ruby, Rails, MySQL, AWS
- Helped build a Chrome extension and its server
- Data aggregation using the Facebook Graph API and the Youtube Analytics API
- Set up new microservices on AWS

Junior Software Engineer, Flipp
January – April 2017
- OS X, Ruby, Rails, AWS
- Researched new technologies, presented findings to project managers/owners and team leads
- Designed solutions to several long standing issues
- Defined and documented coding style for unit tests

Web Developer, Imagine Communications
May – August 2016
- Windows, HTML, CSS, Typescript, AngularJS 1.5
- Researched and created proof of concepts for multiple new technologies
- Worked directly with QA to quickly fix bugs

Software Developer, Encircle
July – August 2015
- Linux(Ubuntu), HTML, CSS, Coffeescript, node.js
- Independently implemented bug fixes and added functionality to the company website
- Designed and prototyped new features