

Allan Mukundi

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Waterloo, ON

EDUCATION

University of Waterloo | Bachelor of Computer Science

2016 - 2021

WORK EXPERIENCE

Facebook, Software Engineer Intern Menlo Park, CA | Sept 2020 - Dec 2020

- Returned to the Pages Integrity team and built out the Pages for Review product end-to-end
- Wrote an abstraction around page review signals and product infra for signal filtering and prioritization
- Made a pipeline in Dataswarm along with an async task to back-fill signals for pages with name changes
- Created complex www and mobile front-end components using React, GraphQL, Relay, and Hack/PHP
- Worked cross-functionally with design and content strategy teams to drive product decisions

Facebook, Software Engineer Intern Menlo Park, CA | Jan 2020 - Apr 2020

- Developed on the Pages Integrity team using React, Relay, GraphQL, and Hack/PHP
- Implemented the Pages Transparency dialog on Facebook's www redesign, generating a 2x increase in CTR
- Assisted with an audit of Pages Transparency logging and updated the associated metrics and monitors
- Documented and implemented initial features to surface page strike information onto a dashboard

Twitch, Software Engineer Intern San Francisco, CA | May 2019 - Aug 2019

- Was on the Simple Video Service team building with Ffmpeg, Go, AWS, and React
- Owned and implemented a quiz app using our streaming service (beta) to showcase to prospective customers
- Codified all of the AWS resources needed to launch the app using Cloudformation to allow for easy replication
- Created an AWS lab to be used by Amazon Solution Architects to onboard new customers onto our service

Yelp, Software Engineer Intern San Francisco, CA | Sept 2018 - Dec 2018

- Worked on the Ad Platform team as a full-stack engineer, primarily with React and Python
- Built a generic Carousel component for use in the standardization of designs across Yelp's www site
- Created service endpoints and Swagger schemas, enabling teams to store/retrieve business' objective targets
- Ran an experiment on ad disclosure colours leading to \$47K gains in estimated monthly revenue

PagerDuty, Software Engineer Intern Toronto, ON | Jan 2018 - Apr 2018

- Developed on the Site Reliability Engineering team using Ruby, Chef, Docker, AWS, and Splunk
- Improved network visibility by deploying full-mesh TCP checks and exposing results in an operational dashboard
- Set Service Level Indicators for our cluster scheduler with efforts leading to 99.99% availability since inception
- Went on-call as the team's primary responder, ensuring company-wide infrastructure stayed reliable 24/7

PROJECTS

Pomodoro - github.com/AllanMukundi/Pomodoro May 2017

- A productivity-oriented web application which incentivizes the Pomodoro Technique via a reward system
- Features a dynamic leaderboard, responsive design, and user authentication with support for social accounts
- Deployed onto Heroku and built using Django/Python, HTML5, CSS, JavaScript, jQuery, and AJAX

TECHNICAL SKILLS

Languages: Python • JavaScript • C++ • Ruby • C • HTML5 • CSS • SQL • Bash
Frameworks/Tools: Django • Docker • AWS • Git • Chef • Splunk