Sameer Chitley

chitley.sameer@gmail.com
https://rageandqq.github.io

SKILLS

RECENT LANGUAGES
JavaScript • GraphQL • Hack

OTHER LANGUAGES
C# • C++ • Python
Java • SQL • HTML/CSS

FRAMEWORKS & TOOLS
React • Relay • LaTeX
Vim • Git • Mercurial • VSCode

EDUCATION

UNIVERSITY OF WATERLOO
Bachelor of
Software Engineering
2018 | Waterloo ON, Canada
Graduation Dean's Honours List
Graduation With Distinction
6x Term Dean's Honours List

PROJECTS

TANDEM
Capstone Project | April 2018
Decentralized, cross-editor, collaborative text-editing solution working with native text editors using peer-to-peer connections. Support for Vim, Sublime Text and NeoVim.

MYORCHESTRA
1st Place at EngHack | June 2015
Application allowing you to register computers as instruments in three-dimensional space and command them like a conductor

LINKS

GitHub: // rageandqq
LinkedIn: // sameerchitley
StackOverflow: // rageandqq

EXPERIENCE

META PLATFORMS INC. (REALITY LABS)
Front End Engineer, New Privacy Experiences
August 2023 - Present | New York, NY

- Building **live captioning** in Horizon Worlds across VR and 2D surfaces

META PLATFORMS INC. (INSTAGRAM)
Front End Engineer, Design Systems
December 2021 - July 2023 | New York, NY

- Maintained and owned key components of Keyframes animation rendering pipeline, used to **serve animation assets to two billion users**
- Led migration of Keyframes v2 to v3, **saving 40% file size**, improving rendering performance and code legibility
- **Engineering mentor** for junior engineers and peers; providing code review and career development guidance

META PLATFORMS INC. (FACEBOOK)
Front End Engineer, Live Video
August 2018 - December 2021 | New York, NY

- Designed from scratch, **built the MVP with various cross-functional partners, and globally launched Live Producer**, the next iteration of Live Video Publishing tools, powering **half a million daily broadcasts and hundreds of millions of daily watch hours**
- Rebuilt tools from ground up to **increase startup speed and loading performance, improved platform reliability** with reduced outage occurrence, and **implemented a new design system** as part of the Facebook.com rewrite
- Sprinted during **height of COVID-19 lockdown to meet broadcaster demands**, adding new capabilities such as Scheduled Live management, Comment Moderation, and Dial-In Toll-Free Broadcasts
- Architected **best practices and contribution guidelines**, enabling **20+ partner teams to speedily build features** such as Monetization, Boosting, Graphic Overlays, and Polling
- Supported **various high-priority partners through live broadcasts**, such as major news organizations, political offices, sports leagues, faith-based congregations, and gaming creators, and worked together to understand and build **vertical-targeted features and products**
- Created oncall and reliability processes for pillar; **led weekly oncall discussions** and site event (SEV) postmortems; reached **100% SLA compliance**
- **Intern Director supporting nine Intern Managers**; developing intern project plans and manager training; led performance reviews/calibrations and preparing managers for hiring committee
- **Intern Manager** for three-month internship **resulting in launched project and return offer** for intern

FACEBOOK, INC.
User Interface Engineer Intern, Design Tools
August 2017 - December 2017 | New York, NY

- Enhancing Pixelcloud, a tool to share prototypes and **empower collboration** between designers, engineers and content strategists
- Built **commenting/annotation system** for images and layer-based design files, allowing for **accurate and time-saving offline critiques**
- Improved Pixelcloud **notification infrastructure** and integrated with internal notifications, **reducing response time** and improving the feedback cycle
- Enabled layer-specific annotations, **increasing overall engagement** on asset discussion and **enabling unpredcented specificity** during desing critiquies

SQUARE, INC.
Full Stack Software Engineering Intern, Caviar
January 2017 - April 2017 | San Francisco CA
- Overhauled Caviar Courier app to **optimize courier engagement, reduce business costs and increase courier efficiency**
- Implemented **profile photos for couriers** to surprise and delight users and **increase courier accountability**
- Created and integrated batched order system, using A* algorithm to increase order batching efficiency by 30% and increase overall courier efficiency
- Used Google Places and Autocomplete APIs to **reduce geocoding errors** and allow efficient, error-free order rerouting for support staff
- **Hackathon winning** food ordering integration for **Amazon Alexa** enabling re-purchasing or prior order through local natural language processing system

FACEBOOK, INC. User Interface Engineer Intern, Nuclide
May 2016 - August 2016 | Seattle, WA
- Member of the Nuclide team building an open source IDE (`nuclide.io`)
- **Increased overall test coverage** and **improved reliability** of integration tests
- **Redesigned various UX interactions** and React components to **increase ease-of-access and navigability**
- Designed and deployed developer-friendly New User Experience framework to **boost feature awareness and usage**
- Created abstracted **New User Experience GraphQL API** for Facebook first-party Android and iOS applications
- **Increased overall test coverage** and **improved reliability** of integration tests
- **Redesigned various UX interactions** and React components to **increase ease-of-access and navigability**

YELP, INC. Full Stack Software Engineering Intern, Biz
August 2015 - December 2015 | San Francisco CA
- Revamped and **automated welcome emails** sent to new advertisers to **increase customer retention and engagement**
- Verified software with **unit, acceptance and end-to-end tests** before deploying code to **increase overall test coverage**
- Implemented **image localization** for pages proxied to external services in a **move towards a service-oriented architecture**
- Added **responsive styles and mobile-optimized template** to frontend service pages leading to an **improved Google search rank**

DBRS LIMITED Full Stack Software Engineering Intern
January 2015 - May 2015, April 2014 – August 2014 | Toronto ON, Canada
- Implemented **bi-directional data-bound UI** in Windows Forms in C# **to ensure consistency across views and models**
- Built an automated .NET service to **clean and import data over FTP**
- Designed and implemented **scalable MSSQL database** schema
- Developed **custom autocomplete JQuery UI directives to provide detail-rich, custom-styled content** within dropdown lists
- Developed **bootstrappable AngularJS directives and services** for reuse across multiple pages and components
- Created **Excel add-in** in C# to import, parse, populate, and export data
- Created a **hackathon winning** command issuing tool using **React** to improve developer velocity