

KIMBERLY WIJAYA

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PAST PROJECTS

Brand Collabs Manager

A platform to facilitate Advertiser and Influencer collaborations in all steps in the funnel, from discovery to campaign execution. Built with Hack/PHP, React, and GraphQL.

Unified Localization Service

Web application using C# and SQL in the backend and JavaScript and JQuery adopted as a project management system for both UI and UA localization Projects at Microsoft.

DiVE (Data in Virtual Environments)

C++ program for HTC Vive built using Unreal Engine to generate galleries of interactable data visualizations

Conquering the Cold

A Python project incorporating data from the CDC, NCDC, Google Trends, and Twitter into an ARIMAX Time Series model in order to predict flu outbreaks.

Haven

A React Native mobile application with an accompanying React website aimed at helping communities from natural disasters by serving as a platform to connect NGOs with spontaneous unverified volunteers. Handed off to Red Cross Hawaii.

Movie Poster Generation

A Python project that uses tensorflow to create a deep convolutional generative adversarial network (DCGAN) capable generating believable movie posters given a movie genre

DICOM Viewer Software

A React project with a Django backend that allows radiologists to view, interact, and manipulate DICOM medical images to help with the diagnoses of patients

EMPLOYMENT HISTORY

Software Engineer

Facebook Inc. (2018 - Present)

- Developed Facebook's branded content platform from a public beta to generating \$1.4m in revenue per week
- Modernized legacy infrastructure to adopt most modern frameworks
- Spearheaded privacy-first approach to messaging integration for branded content, saving Facebook millions of dollars of fees from updated global privacy directives
- Designed and executed one of the Facebook's first products that deeply integrates Instagram and Facebook universes

Software Engineer

Sirona Medical (2018)

- Acted as the founding engineer of this health technology startup dedicated to augmenting radiologists' workflows with the integration of artificial intelligence and enhanced tooling
- Collaborated with the CEO & CTO to shadow radiologists and meet top radiology firms to find product market fit
- Designed and executed the proof of concept for the DICOM viewer software using open-source libraries, React, and Django

Software Engineering Intern

Facebook Inc. (2017)

- Built a framework to analyze and monitor Facebook search quality over time
- Analyzed hundreds of millions of rows of data to understand Facebook search behaviors and quality issues
- Utilized modernized, end-to-end testing frameworks to facilitate quality control of Android search experiences
- Collaborated with XFN teams across Facebook culminating in a presentation to Facebook's Vice President of Facebook App

EDUCATION

Stanford University

Bachelor of Science in Computer Science (2017)
Master of Science in Computer Science (2018)

SKILLS

Languages

JavaScript, Python, Java, SQL, HTML, CSS

Frameworks

React, Relay, GraphQL, Node.js, React Native, Jest, JQuery, tensorflow