Hubert Theodore

Software Engineer in Greater Seattle area
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EXPERIENCE

Google, Senior Software Engineer | Seattle, WA | cloud.google.com/bigquery   December 2022 - Present
- Leading BIgQuery UI Platform team to improve the performance and to launch the application on new environments
- Providing technical guidance to other BigQuery UI teams by contributing to design reviews and mentoring other engineers

Stripe, Software Engineer | Seattle, WA | stripe.com/apps   August 2021 - November 2022
- Owner (DRI) and main contributor of Stripe Apps CLI. Developed key features for beta launch: hot-reloading, bootstrapping components, app zipping and uploading.
- Designed and owned end-to-end implementation of Stripe Apps' terms and conditions(T&C). Contributions include: added new database table, developed new API endpoints, created new admin pages to manage T&C, ensured users' T&C acceptance on the CLI and existing APIs.
- Key contributor to production readiness by authoring the first e2e test for the team, launching Stripe Apps' services to new pre-prod environment and new regions, and registering the e2e test as smoke deployment test and services health monitoring.
- Owned end-to-end implementation of Stripe Apps' secret and signature, enabling a Stripe app to make authenticated requests to a third-party backend. Contributions include: developed backend, integrated new endpoints with the Stripe dashboard and Stripe Apps, addressed security issues, and authored the public-facing docs(stripe.com/docs/stripe-apps/build-backend#send-a-signed-request).
- Owned end-to-end implementation of migrating Stripe Apps' upload API endpoint to Java Workflow. Due to asynchronous nature of workflow, changes also include the CLI and the Stripe dashboard.

Google, Software Engineer | Seattle, WA | cloud.google.com/dataflow   October 2018 - August 2021
- Revamped Dataflow job details page by adding job graph, job metrics and execution detail tabs
- Rewrote Dataflow create job page in Angular 2 and componentized the form components, making them reusable by other GCP products (Pub/Sub, BigQuery)
- Developed new Dataflow Snapshot list & detail pages
- Improved accessibility of Dataflow pages by navigating through the VPAT process
- Key contributor to Dataflow SQL editor

Uptake, Software Engineer | Chicago, IL | uptake.com   June 2016 - October 2018
- Developed an application for fleet managers to manage drivers and trucks
- Developed an application for dealers to organize their industrial equipment inventory

Yup, Software Engineer Intern | San Fransisco, CA | yup.com   May - December 2015
Developed APIs on Ruby on Rails and implemented authorization on Backbone.js app as an intern

Wolfram Alpha LLC, Software Engineer Intern | Champaign, IL | wolframalpha.com   May 2014 - May 2015
Developed backend API with create, read, update, and delete features with j4unit tests as an intern

SKILLS & INTERESTS

Languages: JavaScript, TypeScript, Java, Golang, HTML, CSS
Frameworks & other technologies: React.js, Angular, GraphQL, gRPC
Interests: E2E testing, UI/UX design, web accessibility, modern art, photography, leathercrafting, powerlifting

ACADEMICS & AWARDS

University of Illinois at Urbana-Champaign, Urbana, IL   December 2016
Bachelor of Science in Computer Science with Honors, **GPA: 3.72/4.0**

PERSONAL PROJECTS

Personal website | tjhubert.com
Designed and developed website to showcase CV and personal interest in clean and intuitive design

Modern web project | tjhubert.com/warhol, tjhubert.com/mondrian
Designed and developed websites inspired by modern artists' work