

JAMES S. CHUNG

SOFTWARE ENGINEER AT CHARTERUP • VANCOUVER, BC

☎ +1 (647) 563-7608 • ✉ sunhochung53@gmail.com • in in/schung53 • 🌐 jameschung.dev

EXPERIENCE

CharterUP

Software Engineer

Apr 2023 – Present

Austin, TX (Remote)

- Built and launched an Uber-like vehicle tracking notification system for 2-3k GPS-tracked bus trips per month
- Integrated **Google Analytics (GA4)** on the CharterUP platform by designing the events model and implementing tracking capabilities in **Vue.js** to gather metrics on \$3M+ in weekly checkouts and associated behavior
- Modernized the UI of various customer-facing pages in **Vue.js**, such as the quoting and trip management pages
- Implemented a risk engine using **Spring Boot (Java)** and **MySQL**, which identifies various “risks” on 5-8k monthly trip reservations, such as missing address information and regulatory non-compliance

HubSpot

Software Engineer Intern

Jun 2022 – Aug 2022

Cambridge, MA

- Augmented the data model for HubSpot’s Custom Report Builder and implemented customizable front-end formatting for various chart types to enable the product’s 40k+ weekly active users to better visualize their data
- Implemented feature upgrades and bugfixes using **React.js** and **Redux.js**, such as formatting support for HubSpot’s reporting visualization library, which supports 1.3M+ monthly pageviews from customers

Later

Software Engineer Intern

Sept 2021 – Dec 2021

Vancouver, BC

- Collaboratively implemented the front-end of the Facebook analytics page of the Later web app, which was released to 150k+ paying users to track metrics such as post-level engagement and audience demographics
- Used **Ember.js** to implement UI augmentations on the Twitter analytics page to better handle text-based tweets
- Added event-tracking capabilities to the analytics pages and upgraded the codebase to **TypeScript** and **Octane**

SAP

Software Engineer Intern

Sept 2020 – Apr 2021

Vancouver, BC

- Collaborated with three other developers to enhance and maintain SAP Concur’s Entity Management System (EMS), a microservice that controls the lifecycles of the corporate entities and accounts behind 50M+ end-users
- Implemented a cron job metadata feature in EMS using **Spring Boot (Java)** and **MySQL**, which allows users to control parameters for over 15 cron jobs in production, such as trial conversions and cleanup of stale accounts
- Developed dashboards in EMS using **React.js** to track metrics of cron job failure rates and underlying causes

Ipsos

Senior Research Analyst

Oct 2018 – Aug 2019

Toronto, ON

- Wrangled healthcare data and delivered \$800k+ in market research insights to leading pharmaceutical multinationals using methods such as conjoint analysis, segmentation, and Bayesian network analysis

SKILLS

Languages: Java, JavaScript, TypeScript, Python, SQL, HTML, CSS • **Databases:** MySQL, RDS, S3, Redis

Technologies: Spring Boot, React.js, Vue.js, Ember.js, Node.js, RabbitMQ, AWS • **Tools:** Git, Datadog, Jenkins

EDUCATION

University of British Columbia

Bachelor of Computer Science (B.C.S.), Major in Computer Science

2019 – 2023

Vancouver, BC

Post-baccalaureate studies

Johns Hopkins University

Bachelor of Arts (B.A.), Major in Chemistry

2013 – 2017

Baltimore, MD

Provost’s Undergraduate Research Award, Honors in Chemistry