

# Henry Gee-Wey Yue

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## PROFESSIONAL EXPERIENCE

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### SELF-EMPLOYED

Remote | Sep '23 – Present

Software Engineer

- Built a custom integration for a \$1MM food retail company that connected Square and Airtable and performed a nightly database sync. The integration enabled new inventory re-ordering and reconciliation processes in Q4 2023, the highest sales period of the year.
- Created an automated email process for the same company that reduced the operations team's workload by 10 hours per month. The solution combines the no-code platform Zapier with custom logic to handle various pagination logic from API calls.
- Completed the website refresh for a national volunteer nonprofit after the project had previously been stalled for 3 months, including applying the updated design and backing up the existing database and website data.
- **Technologies:** Google App Scripts, JavaScript, Postman, Zapier, Linux, SSH.

### CHAN ZUCKERBERG INITIATIVE

San Francisco, CA | Jun '22 – Aug '23

Software Engineer – Education Team

- Worked on an award-winning edtech product launched during COVID-19 to strengthen teacher-student connections in U.S. K-12 public schools. Collaborated with PMs, designers, data, legal, marketing, trust and safety, and customer support specialists to build features for userbase of 1,500 teachers and 30,000 students.
- **Front End:** Launched a highly requested bilingual sticker feature that reduced conversation response times by 50%. Completed the redesign of the entire teacher experience for 2023 fall school year, including implementing accessibility and mobile responsiveness.
- **Back End:** Built a student response “top words” parser, allowing teachers to quickly gain insights and analyze patterns from their student responses. Improved integration to unblock marketing retention efforts, impacting 50% of new user sign-ups.
- **Site Reliability:** Took initiative to be on-call for a continuous 3-month period, adding documentation and playbooks for monitoring and observability tools. Identified and fixed several incidents to address site performance and latency issues and strengthen site security.
- **Technologies:** React w/ TypeScript, GraphQL, Ruby on Rails, AWS (S3, SQS, CloudWatch), Sidekiq, Sentry, Heroku, Datadog, Amplitude, Split.io.

### VANGUARD

Remote | Feb '21 – Jun '22

Software Engineer – Fees Team

- Delivered migration project of \$650MM fee batch for Vanguard's Personal Advisor Services line of business. The batch calculated \$2MM fees across 250k+ clients daily. Responsible for implementing, testing, debugging, and communicating with stakeholders as the team's subject matter expert.
- Managed and onboarded 2 experienced contractors for this multi-month migration project.
- Resolved \$500k+ outstanding fees. Compiled monthly reports with over 1MM fee records, as required per U.S. financial regulations.
- **Technologies:** Java, Spring Boot, AWS (DynamoDB, S3, SQS, CloudWatch), Angular, Python, SQL, Splunk, Atlassian suite, Agile.

### PRIDE TOURS NYC

New York, NY | Feb '19 – Present

Co-Founder

- Created an eCommerce business delivering LGBTQ history tours. Featured as an official event by World Pride 2019, the largest-ever with 5MM visitors.
- Ranked #1 on TripAdvisor for “LGBTQ tours” in New York City. Received bookings from schools, corporations (ex: JPMorgan), and international Pride organizers.
- Achieved positive cash flow in 3 months. Donated 1/3 of profits to charity.

## PROFESSIONAL EXPERIENCE (ctd.)

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### MUSEUM OF CHINESE IN AMERICA

New York, NY | Oct '15 – Sep '19

Product Manager – Tourism; previous acting Chief of Staff

- **Product Management:** Designed end-to-end implementation of new tourism products, including website, booking platforms, marketing collateral, staff operations and documentation, and tour content.
- **Technology Implementation:** Leveraged Tessitura relational database CRM software to track museum's VIP relationships. Built a secure web portal and internal knowledge base providing financial and operations information for 15+ Board of Directors using Wordpress.com.

## EDUCATION & CERTIFICATIONS

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### AMAZON WEB SERVICES CERTIFICATION

Remote | Jan '22

Certificate Program: AWS Certified Cloud Practitioner

### FLATIRON SCHOOL

London, UK | Oct '19 – Jan '20

Certificate Program: Full Stack Web Development (Ruby on Rails and ReactJS)

### UNIVERSITY OF TEXAS AT AUSTIN

Austin, TX | Aug '05 – May '09

Bachelor of Business Administration; Major: Finance