Redmond, WA, USA   hueyjiuan.chong16@gmail.com   +1 (425) 998-3963
LinkedIn: https://www.linkedin.com/in/jochong82/
GitHub: https://www.github.com/jogit82
Portfolio: https://jogit82.github.io/portfolio/

Huey Jiuan Chong

A result-driven engineer with expertise in front-end system design and site performance. Excited about utilizing cloud technologies and sharing my experience in web development. Total of 5 years of professional experience in JavaScript, React, cloud fundamentals, C#, and Blazor. Outside of work, I hike every week and bring people together.

EXPERIENCE

Full Stack Developer, **Varg Safety,** Remote
January 2025 - Present
- Rebuild an e–commerce website from the ground up using React for the front end, Node.js, Express, Prisma ORM, PostgreSQL, and Jest for the backend.
- Data migration from the current database to PostgreSQL.
- Utilize Figma for design.

AI Developer, **Outlier,** Remote
June 2024 - Present
- I worked on multiple projects with Outlier, who contracts with Google (Google's AI bot, Gemini).
- Project 1 ("Code vs. Code"): Evaluated the ability of large language models to use extensions tools to answer user prompts. Given a prompt and two responses, rate the responses on tool dimensions and indicate which response was better with a side-by-side rating and written justification.
- Determined whether the correct tool, function, and parameters were used. Based on the output or error of the response, assess whether the model fulfilled the user's prompt.

Software Engineer, **Far Bank Enterprises,** Seattle
December 2017 - March 2022
- Led the prototyping, development, and documentation for e-commerce websites selling fly-fishing equipment and trips. Primarily worked with MVC (Backbone), Node, Grunt, Hypr templating language (similar to Django), and MongoDB. Used Azure DevOps for project management, CD/CI, and test plans.
- Structured web usage data to support business intelligence, including production forecasting and digital marketing. Installed tracking on our sites, tagging user interactions for e-commerce analytics (Google and Facebook). Identified friction and opportunity.
- Advocated for a better customer experience and reduced friction by using third-party applications like Live Chat, autocomplete, and AB tests.
- I worked with an SEO auditor and improved SEO ranking and accessibility. Executed front-end changes like CSS-only menus, appropriate URLs, headings, etc.
- Developed UI for internal .NET C# applications using Blazor. Two applications: a real-time application used by the manufacturing department and a CMS (product catalog) application used by the R&D, marketing, and sales departments.
- Developed multiple smaller apps using Azure Functions (Python) with GraphQL and dealt with throttles.

- Among the custom APIs that were integrated into our e-commerce sites were the Olark API for live chat, the Azure Blob Storage API for storing membership data, the MailChimp API for marketing and transactional emails, the KOUNT API for fraud prevention, and a custom contact form. Microsoft CRM was used to initiate self-service repair and warranty cases.
- Mentored a junior web developer for 2 years.
- Led the internal Diversity, Equity, and Inclusion group.

Data Content Technician, **Point Inside Inc,** Seattle
July 2016 - March 2017
- Designed 3D maps with the data provided by retail stores, malls, and airports. Users can pick up products in store using the most efficient route calculated using these data points.
- Drew maps using Adobe Illustrator and converted them into XML.

Veterinarian Assistant, **Banfield,** Seattle
January 2014 - June 2015

Assisted surgeries, performed lab tests, worked efficiently and effectively in stressful environments, practicing professionalism, and maintained good relationships with pet owners and co-workers.

Entrepreneur, **Online Marketplace,** California
January 2008 - January 2014
- During the pre-Etsy era, I built an e-commerce website using HTML, CSS, and JavaScript and integrated it with PayPal and a custom customer review and inquiry form.

Software Engineer, **DHL,** Malaysia
August 2007 - April 2008
- Developed a module that displayed shipment updates for business accounts across developing countries with lower bandwidth and spotty internet connection.

Software Engineer, **Vector International,** Malaysia
July 2006 - February 2007
- Starting as an intern, I built an employee timesheet web application using PHP, MySQL, and Apache. This web app provides an overview of employee attendance by storing badge scan logs in a database and presenting them in a meaningful format, downloadable in Excel. The result was an increase in attendance by 35%.
- Hired full-time, I developed software that provided touch-screen interfaces that controlled smart home devices.

SKILLS

Languages: JavaScript, C#, HTML/CSS
Technologies: React, Ruby on Rails, Azure, Backbone, JQuery, Blazor, Underscore, Express, Angular, Bootstrap
Others: Azure, Git, Node, AWS, Adobe (XD, Photoshop), Microsoft Power BI
Azure Fundamentals Certificate (AZ-900)

PROJECTS

Qwk.io 1: Ruby, Ruby on Rails, MongoDB [GitHub repo]
Qwk.io 2: Node.js, Express, Angular JS, MongoDB [GitHub repo]
This is a survey generator. Users can use it to create surveys using Markdown. For this, I made a Survey Helper

class with two primary purposes: First, using RegExp to test each line to check if it is either a question header, a question, multiple-choice checkbox, radio options, dropdown, text input box, text area, or point rating. Second, converting survey responses into CSV, JSON, or XML.

Once a survey is created, the survey owner will receive a public link and a private link. The public link can be sent out to gather survey responses. The private link allows the owner to edit the survey, close the survey, or view results.

Jungle: Vanilla JavaScript, HTML, CSS [[Demo](#)] [[GitHub repo](#)]
This is my favorite childhood board game. A 7x9 board represents jungle terrain with dens, traps, and rivers. Each player controls game pieces representing different animals of various ranks. Higher-ranked animals can capture animals of lower or equal rank. The player wins by either entering the opponent's den or capturing all the pieces.

EDUCATION

General Assembly, Seattle — *Bootcamp, 4 months*   October 2015 - February 2016
Express, Sequelize ORM, PostgreSQL, Mocha, Chai, and OAuth, Rspec, OAuth, Active Records ORM, Bootstrap, jQuery, Angular and React, and Mongo.

Multimedia University, Malaysia — *Bachelor Degree in Computer Science, 5 years*   2003 - 2008
Major in Information Systems Engineering and AI

PIMA Medical Institute, Seattle — *Veterinarian Assistant, 1 year*   January - December 2013

Anatomy, parasitology, animal restraint, lab procedures, surgery assistance, surgery tools and sterilization, animal husbandry and nutrition, medical terms.

Infosys Global Education Center, India — Industrial Level *Java Programming, 6 months*   February - August 2007
Intense full-time training on J2EE technologies. Focused on building industry-level applications that are well-tested and production-ready applications. JSP, AJAX, JDBC, Apache server.

VOLUNTEER AND HACKATHON

Seattle Sounders FC (Sports): hackathon organizer
Hey Duwamish (Environment): front-end developer
Company hackathon (First place): Point Inside Inc. AR challenge
Cortana hackathon (First place): Microsoft bot
UW Expedia hackathon: Expedia
Google Cloud Firebase hackathon: Google Cloud