

# Huey Jiuan Chong (Jo)

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Software engineer with a computer science degree and three years of professional experience in full software development lifecycle. Strong understanding of object-oriented programming, design patterns, full-stack development and agile methodology. Outside of coding, I like Crossfit, board games and hiking.

Languages: JavaScript, C#, TypeScript, Java, SQL

Databases: PostgreSQL, MongoDB, MySQL, Oracle, IBM DB2

Frameworks: Angular 4, Node.js, jQuery, Bootstrap, Ruby on Rails, .NET

Others: Git, HTML, CSS, Heroku, Express.js, AJAX, AWS EB2 deployment and monitoring, Adobe Illustrator, Adobe Photoshop

## EDUCATION

- Bachelors in Computer Science, Multimedia University, GPA 3.48 Sep 2001 - Sep 2006
- Java/J2EE Industrial Level, Infosys Limited Feb 2007 - Aug 2007
- Full-Stack Web Development, General Assembly Nov 2015 - Mar 2016

## PERSONAL PROJECTS

**Qwk.io** - <https://github.com/jogit82/Qwkio-MEAN-stack>

Mar 2017 - Sep 2017

- Developed with Node.js and Angular in TypeScript, communicating to a MongoDB to create surveys using Markdown.
- Integrated Bootstrap components to improve the UI experience.

**LinkUp** - <https://github.com/jogit82/Link-Up-using-IBM-Watson-API>

Feb 2016

- Developed in Node.js and AngularJS, utilizes IBM Watson Personality Insights API, Eventful API and EventBrite API.
- Converts Big 5 personality score into Myer Briggs personality score using JavaScript and recommend events

**Drinkmate** ([drink-m8.herokuapp.com](http://drink-m8.herokuapp.com)) - <https://github.com/jogit82/Drink-Mate-Ruby-on-Rails-Absolut-API>

Jan 2016

- Collaboratively developed in Ruby on Rails to talk to an external API.
- Using data from Absolut API, generate search criteria and save recipes into PostgreSQL.

**Fox.vet** ([mighty-lake-8559.herokuapp.com](http://mighty-lake-8559.herokuapp.com)) - <https://github.com/jogit82/Fox.Vet>

Dec 2015

- Developed in Node.js and Cloudinary API for image hosting.
- Communicating to PostgreSQL to create or retrieve instagram-like posts to share medical cases.

**Jungle** ([jogit82.github.io/Jungle](https://jogit82.github.io/Jungle))

Nov 2015

- Simple web based board game similar to Stratego and Chess using JavaScript, HTML and CSS.

**Text categorization software**

Jun 2006 - Sep 2006

- Developed in Borland C++ for information filtering and feed into Cortex as a back-propagated Neural Network for categorization
- To categorize indefinite numbers of articles, Cortex is trained with filtered information. A list of master keywords is generated and used to compare with filtered information from articles. Frequency of each matching keyword is then being fed into Cortex.

## EXPERIENCE

**Point Inside Inc - Data Content Technician**

July 2016 to Apr 2017

Integrated accurate product location into store maps which then enables an efficient route for users throughout the store while shopping.

- Designed maps using Adobe Illustrator for retail stores, airports and shopping malls while maintaining graphic standards.
- Calculated precise ratio between pixels and feet so that product location accuracy is within 5 feet.
- Using a proprietary software, carefully converted graphics into XML, debugged and resolved errors.

**General Assembly - Full-stack Engineer**

Nov 2015 to Mar 2016

Refreshed and updated my technical skills by building strong understanding around frameworks like Node.js, Express.js, AngularJS, Bootstrap and Ruby on Rails.

**Banfield Pet Hospital - Veterinarian Assistant (Certified)**

Feb 2013 to Nov 2015

**Entrepreneur - Online marketplace**

Aug 2009 to Feb 2013

- Created and sold baby products, website with JavaScript, JQuery, PayPal API, HTML and CSS.

**DHL Asia Pacific - Software Engineer**

Aug 2007 to Apr 2008

DHL Integration Solutions are online web services integration capabilities and provides DHL service availability, transit times, rates, shipment, courier pickup and shipment tracking for over 165 countries around the world.

- Provided detailed technical documentation to be used as a base between vendors and DHL.
- Designed user interfaces that are consistent across different browsers, with AJAX, status updates and proper error handling.
- Built prototypes for web apps using Java J2EE technologies such as JDBC, EJB, JSP, Java Servlets and JMS.

**Vector International - Software Engineer**

Jun 2006 to Jun 2007

- Developed an internal application with Apache, MySQL and PHP(WAMP) so employees can efficiently manage their time off and vacation requests.
- Designed touch screen interfaces with [VB.Net](http://VB.Net) which integrated between Windows Embedded System and Merten hardware so that homeowners can control Merten's smart devices such as switches, blinds, etc on a touch screen

## OTHER EXPERIENCE

- Contribute to my own tech blog that documents my learning journey with Angular 2 ([alwaysbecoding.bold.io](http://alwaysbecoding.bold.io))
- Open Seattle as a front-end developer, Sports Techie Meetup Group + Seattle Sounders FC as a hackathon organizer, Seattle Techstar Startup Week



