

# JJ LUMAGBAS

(jay-jay lew-MUG-bus)

Front-end web developer with strengths in interaction and user-experience design

[jjlumagbas@gmail.com](mailto:jjlumagbas@gmail.com)

(956) 732-3186

Edinburg, Texas, USA

[jjlumagbas.com](http://jjlumagbas.com)

## SKILLS

### Development

- Web core: HTML, CSS, JavaScript
- Modern CSS layout (Grid, Flexbox)
- Version control (Git, Github, Bitbucket)
- Node.js
- MongoDB
- SQL (Oracle, MySQL, PostgreSQL)
- Java, Python, C++

### Interaction Design

- Process analysis and modelling
- UI Mockups and prototyping (Adobe XD)
- Data visualization (D3.js)
- Usability testing

## EDUCATION

### Master of Information Systems

University of Melbourne 2014

- Coursework: Interaction Design and Usability, Process Modelling Analysis and Design, Knowledge Management Systems

### Bachelor of Science in Computer Science

University of the Philippines 2005

## PROFESSIONAL COMMUNITY

### UX Melbourne [uxmelbourne.org](http://uxmelbourne.org)

2014

- Organized meetups, moderated discussions

## AWARDS AND HONORS

### Dean's Honours List

Computing and Information Systems, Melbourne School of Engineering, University of Melbourne 2014

### Australia Awards Scholarship

Department of Foreign Affairs and Trade (DFAT), Australia 2013

### Science and Engineering Institute Undergraduate

Scholarship Department of Science and Technology, Philippines 2001

## PROFESSIONAL EXPERIENCE

### Front-end Developer (Remote / Project-based)

Scaling Science Project, MIT Media Lab 2019

- Front-end web design to enable interaction with a machine learning model, including an interactive graphical UI (built using D3.js) to encourage exploration of results given varying inputs
- Developed an interactive visualization using D3.js for internal research team use <https://viz-gnosfwkwfc.now.sh/>

### Product Manager (Remote / Contractor)

Quality People 2018-2019

- Recruited and managed offshore developers to replace original dev team for Quality People
- Product-managed 3 separate front-ends interfacing with a single backend, built on a MERN stack deployed on AWS through CircleCI
- With VP Product, mocked-up, spec'd-out, and oversaw development and successful rollout of a set of features involving major changes to data and interaction models, significantly broadening target customer set

### Lecturer (Part-time) Department of Computer Science

University of Texas RGV 2018-2019

- Teaching: Introduction to Computer Science (C++)

### Assistant Professor Department of Computer Science

University of the Philippines 2009-2017

- Teaching: Programming Languages, Object-oriented Design, Intro to Functional Programming
- Consistently rated Excellent in course evaluations

### Software Developer Azeus Systems 2005-2009

- Developed and maintained products for Hong Kong government agencies: e.g. works order management for Public Works, license plate registrations for Transport Department
- Built web applications on a Java stack: Spring, Hibernate ORM, Oracle DB
- Conducted DB query performance optimization for financial transaction reports generation