

JJ LUMAGBAS

Product-focused software engineer with strengths in business analysis and user experience design

jjlumagbas@gmail.com

(956) 732-3186

Edinburg, Texas, USA

jjlumagbas.com

TECHNICAL SKILLS

Product Design

- Business process analysis and modelling
- User persona/user story development
- UI mockups/prototypes
- Usability testing
- UX design tools (Adobe XD, InVision, Sketch)
- Agile management tools (Jira, Trello)

Software Development

- Web core: HTML5, CSS3, JavaScript ES6
- Data visualization: D3.js
- Familiarity with front-end web frameworks (React, Vue, Svelte)
- Version control (Git, Github, Bitbucket)
- SQL (Oracle, MySQL, PostgreSQL)

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

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

Interaction Designer (Contract)

Scaling Science Project, MIT Media Lab 2019-present

- Front-end web development 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 (Contract)

Quality People <https://www.qlt-ppl.com> 2018-2019

- Product-managed 3 separate front-ends interfacing with a backend API, built on a Mongo-Express-React-Node (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, broadening target customer set by 3x

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: Object-oriented Design (Java), Database Management Systems, Programming Languages
- 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 Registration for Transport Department
- Full-stack development on a Java stack: Spring, Hibernate ORM, Oracle DB
- Reports generation development with Oracle Reports
- Conducted DB query performance optimization for financial transaction reports generation