JJ LUMAGBAS
(jay-jay lew-MUG-bus)

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

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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   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

Remote Product and Dev Team Manager (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

Data Visualization Developer (Volunteer)
Scaling Science Project, MIT Media Lab   2018

- Aims to visualize and predict impact of scientific publications using graph theory and machine learning
- Developed a visualization describing publication impact over time using D3.js https://viz-gnosfwkwfc.now.sh/
- Mocked-up and prototyped a web platform similar to Github for conducting open-research projects

Incubator Manager University of the Philippines inIT
Technology Business Incubator   2016-2017

- Oversaw hiring and management of operations team
- Incubator awarded 2017 Gawad Pangulo (President's Award) for Excellence in Public Service

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