

GERALDINE A. FABRO

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY | *B.S. Civil Engineering*

2017–Present
Berkeley, CA

- Relevant coursework: Structure and Properties of Civil Engineering Materials, Engineered Systems and Sustainability, Engineering Data Analysis

PROJECTS

FASTERCON – FILIPINO AMERICANS IN SILICON VALLEY TECH

October 2019
Berkeley, CA

- Organized a \$5000 annual convention amounting to 300 attendants among Filipinos in Silicon Valley

FILIPINO AMERICAN SOCIETY OF ARCHITECTS AND ENGINEERS (FASAE) SAFER SHELTER

June 2018
San Francisco, CA

- Received International Organization for Immigration, UN training to “engage the Filipino diaspora in providing safer shelters in preparedness and response to disasters” in the Philippines

BRIDGES TO SOLUTIONS

August 2017
Berkeley, CA

- Developed, implemented, and presented an algorithm to analyze bridge stability at Jacob's Institute for Design Innovation using the Arduino software

EXPERIENCES

LENDLEASE CONSTRUCTION | 950 Market *Engineering Intern*

June-August 2019
San Francisco, CA

- Involved with the whole residential appliances and landscape buyout process – reviewed scope-specific contracts, obtained bidder proposals and quotes, and analyzed leveling sheets
- Assisted project manager with mixed-metal scope takeoff
- Processed Request for Informations and submittals
- Coordinated with SFMTA, DBI, SFDPW, and subcontractors to maintain and follow field schedule
- Ensured and practiced safe construction through EH&S programs and documentations

ORGANIZATIONS

CAL SEISMIC DESIGN TEAM | *Assistant Project Manager, Treasurer*

2017-Present
Berkeley, CA

- Designed and constructed, taking into account economical considerations and structural stability, a 5-ft. balsa wood tower for the Earthquake Engineering Research Institute Design competition
- Assisted project manager in running and overseeing the team and its progress
- Handled all the finances and reimbursements of the team

FILIPINO ASSOCIATION OF SCIENTISTS, ARCHITECTS, AND ENGINEERS | *External VP*

2017-Present
Berkeley, CA

- Provided academic and professional resources (workshops and alumni events) and mentorship to empower minorities in STEM fields

AMERICAN SOCIETY OF CIVIL ENGINEERS | *Historian*

2017-Present
Berkeley, CA

- Prepared and documented ASCE-related logistics and events for the national annual report

CONCRETE CANOE | *Social Media Coordinator*

2018-Present
Berkeley, CA

- Mixed, tested, and casted concrete to incorporate in a concrete canoe for the ASCE Mid-Pac Competition
- Engage visibility, collaboration, and relationship through social media presence and team building events

DADO BANATAO GLOBE AMBASSADORS PROGRAM | *Alumni*

March-June 2019

- Among 1 of 20 students who researched about technical innovations between the PH and SG Singapore, Philippines
- Visited and connected with various startups, companies, universities, alumni, and research facilities in PH and SG

PRE-ENGINEERING PROGRAM | *Alumni*

July-August 2017
Berkeley, CA

- Among 1 of 50 selected students from incoming UC Berkeley engineering students
- Enhanced teamwork, collaboration, and communication skills through academic and professional workshops and projects

SKILLS

SOFTWARE

- Basic: Python (Numpy and Pandas), Ruby, Arduino, MATLAB, Adobe Illustrator
- Intermediate: PlanGrid, BuildingConnected, SharePoint, Prolog, StructionSite, PDF-XChange, SAP2000, SketchUp, Microsoft Office/Sheets/Slides, Google Docs/Sheets/Slides

LANGUAGES: Native Proficiency in Tagalog and Ilocano, Elementary Proficiency in Spanish

AWARDS

2019 EERI SEISMIC DESIGN COMPETITION | *4th place overall, 2nd place in Communication Skills*

March 2019

2019 MID-PACIFIC REGIONALS CONFERENCE: CONCRETE CANOE | *3rd place overall*

April 2019

2018 EERI SEISMIC DESIGN COMPETITION | *1st place overall*

June 2018