

Alejandro Villanueva

Seattle, WA | 574.210.7562 | aavillanueva6@gmail.com
linkedIn: bit.ly/aav-linkedIn | Portfolio: bit.ly/aav-portfolio | GitHub: bit.ly/aav-github

Full-Stack Web Developer

Diligent, goal-oriented professional with a comprehensive engineering background. Demonstrated leadership abilities in managing complex engineering projects, coaching personnel, and developing technical documentation.

TECHNICAL SKILLS

Front End: HTML, CSS, SCSS, Responsive Design, JavaScript, jQuery, AJAX, Bootstrap, Bulma, Handlebars
Back End: Node.js, Express.js, MySQL, Sequelize

PROFESSIONAL SKILLS

- Project Management
- Data Mining & Visualization
- Problem Solving
- Quality Control
- Strategic Planning
- Process Engineering

PROFESSIONAL EXPERIENCE

AGC Biologics | Global Process Engineer

2019 – Present

Project Management:

- Successfully delivered \$5MM project, to add Cell and Gene Therapy manufacturing capability to the site.
- Process Engineering Subject Matter Expert for \$340MM expansion project to triple the site's production capacity.

Technical Expertise:

- Develop Global Engineering Standards.

Eli Lilly and Company | Senior Process Engineer

2013 –2019

Leadership:

- Serve as a mentor to less experienced engineers and scientists in applying technology tools; maintaining compliance with global standards; and consistently utilizing good engineering practices.
- Site Lead for the Men as Allies portion of the Women's Initiative for Leadership.

Strategic Planning:

- Significantly slashed manufacturing costs for projects delivered, with annual savings of \$10-150K for each project.
- Maintained optimal safety (ergonomic, chemical exposure) for personnel in the work environment during operations.

PROJECTS

move | Outdoor Activity Forum

bit.ly/aav-move

- Full-Stack web application. Uses a MySQL database, socket.io for user chat, and is built on an express server
- Deployed on a free tier Heroku platform. Please allow a few moments for it to spin up on page load.

EDUCATION AND CERTIFICATIONS

2022 | Full Stack Web Development Boot Camp | University of Washington

2012 | B.S. Chemical Engineering | Purdue University, West Lafayette, IN