JUAN SERGIO BUENVIAJE

45 Woodglen Drive, New City, NY 10956

jbuenvia@nd.edu • jbuenviaje.com
linkedin.com/lockjio • github.com/lockjio
(845) 729-9718 •

___ EDUCATION _____

University of Notre Dame • **3.51/4.00 GPA**   May 2022
- Pursuing BS in Computer Science, Minor in Innovation & Entrepreneurship   South Bend, IN
- **Relevant Coursework**: Fundamentals of Computing, Discrete Mathematics

Philippine Science High School - Main Campus • **3.84/4.00 GPA**   Jun 2018
- Class Rank: 28/221 | Dean's List | Graduated Magna Cum Laude   Manila, Philippines
- 2018 Philipine Government DOST-SEI Merit Scholarship Awardee
- **Relevant Coursework**: Data Structures & Algorithms, Object-Oriented Programming, Client-Side Web Development, Embedded Systems & Program Design, STEM Research

___ WORK EXPERIENCE _____

Software Engineering Intern • **CBS Corporation**   Summer 2019
- Standardized end-to-end broadcast distribution configurations for entire East Coast feed   New York, NY
- Completed 27 purchase requests from international TV stations amounting to $132,930 in profit
- Assisted with basic maintenance of cloud-based content storage and manipulation
- **Technologies**: SQL (SQL Server), XML, C++, AWS (S3, Lambda, CloudWatch), AutoCAD

Software Engineer • **DeLive Aerial Systems (deliveaerial.com)**   Oct 2019 – Present
- Will develop front end of web app for drone service and structure database architecture   South Bend, IN
- Will assist in further developing drone system for FAA approval and exhibit in CES 2020
- **Technologies**: React (Redux), AWS (DynamoDB, IoT, IAM), Raspberry Pi

Software Engineer • **Tembo AI (tembo.tech)**   Jan 2019 – Present
- Will develop front end of web app for administration use in alpha testing   South Bend, IN
- Solely developed iOS/Android apps for user tracking and messaging using partner company SDK
- Solely developed and demoed MVP (Indoor Mobile Location Tracker) resulting in $11.5k funding
- **Technologies**: React (Redux), Python (Django), DART (Flutter), Firebase, Raspberry Pi, Kali Linux

Software Engineer • **Gäshawk Incorporated (gäshawk.com)**   Jan 2019 – Present
- Will solely integrate video camera + display module, and continue real-world testing of system   South Bend, IN
- Solely developed and demoed MVP (Touchscreen GUI + LiDAR Overhead Collision Detection) resulting in Start-Up South Bend Elkhart (SUSBE) accelerator program invitation
- **Technologies**: C++, Arduino

Software Engineer • **ShareCaddie**   Jan – Aug 2019
- Solely developed and demoed MVP (Peer-to-Peer Golf Equipment Rental iOS/Android Apps) resulting in Semifinals finish (top 30/175 teams) in McCloskey New Venture Competition 2019   South Bend, IN
- **Technologies**: DART (Flutter), Firebase, HTML, CSS, JavaScript (jQuery)

Technology Track Head • **YouthHack (youthhack.net)**   Mar 2017 – Jul 2018
- Organized national hackathon, international summit attended by 5 countries and 10-week startup incubator program for 9 collegiate student-run startups   Manila, Philippines
- Created and taught 4-hr workshops for web dev for collegiate students and professionals
- **Technologies**: HTML, CSS, JavaScript (jQuery)

___ TECHNICAL SKILLS _____

Programming & Related
- **General**: JavaScript, C++, Python, Java, Go
- **Web**: React (Redux), Node (Express), jQuery, XML, HTML, CSS (SCSS, Bootstrap)
- **Mobile**: DART (Flutter, Provider)
- **Embedded**: Arduino, Raspberry Pi, Kali Linux
- **Databases & Deployment**: SQL (Postgres, SQL Server, SQLite), AWS (S3, DynamoDB, Lambda, IoT, CloudWatch, IAM), Firebase
- **Research**: MATLAB

Design & Related
- **3D Modeling**: AutoCAD, Fusion 360, SOLIDWORKS
- **Circuit Fabrication**: Fritzing, Eagle
- **Digital Media**: Spark

Languages
- English, Filipino, Waray (Filipino Regional Dialect)