JUAN SERGIO BUENVIAJE

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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**: Data Structures, Logic Design, Systems Programming, 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
- **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

Interim CTO • DeLive Aerial Systems (deliveaerial.com)　　　Oct 2019 – Present
- Secured $10k funding, Race to Revenue incubator invitation and pitch to $100M VC fund　South Bend, IN
- Will develop full stack web app and structure database architecture in agile environment
- Will assist in further developing drone system for FAA approval and exhibit in CES 2020
- **Technologies**: React, Redux, Node, Express, Python, AWS (DynamoDB, IoT), Raspberry Pi, Git

Software Engineer • Social Torch 311 (socialtorch.org)　　　Dec 2019 – Present
- Will develop full stack web app and structure database architecture in agile environment　South Bend, IN
- Will assist in further developing iOS/Android mobile apps and cloud-based backend
- **Technologies**: React, Go, DART, Flutter, AWS (Cognito, API Gateway, Lambda, DynamoDB), Git

Software Engineer • Tembo AI (tembo.tech)　　　　　　　　Jan 2019 – Jan 2020
- Solely developed iOS/Android apps for emergency messaging to be used in alpha testing　South Bend, IN
- Solely developed and demoed MVP (Indoor Mobile Location Tracker) resulting in $11.5k funding
- **Technologies**: DART, Flutter (Provider), Firebase, Raspberry Pi, Kali Linux, Git

Software Engineer Technical Lead • Gäshawk Incorporated (gäshawk.com)　Jan 2019 – Jan 2020
- Solely developed and demoed MVP (Touchscreen GUI + LiDAR Overhead Collision Detection) resulting in Start-Up South Bend Elkhart (SUSBE) accelerator invitation　South Bend, IN
- **Technologies**: C++, Arduino, Git

Software Engineer Technical Lead • Foreager (foreager.com)　Jan 2019 – 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 (Provider), Firebase, HTML, CSS, JavaScript (jQuery)

Technology Track Head • YouthHack (youthhack.net)　　　　Mar 2017 – Jul 2018
- Organized national hackathon and 10-week incubator program for 9 early-stage startups　Manila, Philippines
- Created and taught 4-hr workshops for web dev to collegiate students and professionals

Founder, Lead Developer • Munti LLC　　　　　　　　　　Feb 2019 – Present
- Led student-run freelance web, mobile and hardware development company　　South Bend, IN
- Built products for startups, teams and established small businesses year-round

TECHNICAL SKILLS

Programming & Related
- **General**: JavaScript ES6, C++, Python, Java, Go/Golang
- **Web**: React (Hooks), Node, Express, Gatsby, Next, jQuery, HTML, CSS (Sass, Bootstrap, Tailwind)
- **Mobile**: DART, Flutter (Provider)
- **Embedded**: Arduino, Raspberry Pi, Intel Galileo
- **Databases & Deployment**: GraphQL, SQL (Postgres, SQL Server), AWS, Firebase, Heroku, Netlify, Contentful
- **Other**: MATLAB, Git, Linux, Kali Linux, Agile (SCRUM)

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

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