

# JUAN SERGIO BUENVIAJE

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## EDUCATION

### University of Notre Dame • 3.51/4.00 GPA

- Pursuing BS in Computer Science, Minor in Innovation & Entrepreneurship
- **Relevant Coursework:** Data Structures, Logic Design, Systems Programming, Fundamentals of Computing, Discrete Mathematics

May 2022

South Bend, IN

### Philippine Science High School - Main Campus • 3.84/4.00 GPA

- Class Rank: 28/221 | Dean's List | Graduated Magna Cum Laude
- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Client-Side Web Development, Embedded Systems & Program Design, STEM Research

Jun 2018

Manila, Philippines

## WORK EXPERIENCE

### Software Engineering Intern • CBS Corporation

- Standardized end-to-end broadcast distribution configurations for entire East Coast feed
- 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

Summer 2019

New York, NY

### Interim CTO • DeLive Aerial Systems (deliveaerial.com)

- Secured \$15k funding, Race to Revenue accelerator invitation and pitch to \$100M VC fund
- Exhibited in CES 2020 and will assist in further developing drone system for FAA approval
- Will develop full stack web app and structure database architecture in agile environment
- **Technologies:** React (Hooks), Node, Express, Python, AWS (DynamoDB, IoT), Raspberry Pi, Git

Oct 2019 – Present

South Bend, IN

### Software Engineer • Social Torch 311 (socialtorch.org)

- Will develop full stack web app and structure database architecture in agile environment
- 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

Dec 2019 – Present

South Bend, IN

### Software Engineer • Tembo AI (tembo.tech)

- Solely developed iOS/Android apps for emergency messaging to be used in alpha testing
- Solely developed and demoed MVP (Indoor Mobile Location Tracker) resulting in \$11.5k funding
- **Technologies:** DART, Flutter (Provider), Firebase, Raspberry Pi, Kali Linux, Git

Jan 2019 – Jan 2020

South Bend, IN

### Software Engineer Technical Lead • Gāshawk Incorporated (gāshawk.com)

- Solely developed and demoed MVP (Touchscreen GUI + LiDAR Overhead Collision Detection) resulting in Start-Up South Bend Elkhart (SUSBE) accelerator invitation
- **Technologies:** C++, Arduino, Git

Jan 2019 – Jan 2020

South Bend, IN

### Software Engineer Technical Lead • Foreager (foreager.com)

- 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
- **Technologies:** DART, Flutter (Provider), Firebase, HTML, CSS, JavaScript (jQuery)

Jan 2019 – Aug 2019

South Bend, IN

### Technology Track Head • YouthHack (youthhack.net)

- Organized national hackathon and 10-week incubator program for 9 early-stage startups
- Created and taught 4-hr workshops for web dev to collegiate students and professionals

Mar 2017 – Jul 2018

Manila, Philippines

### Founder, Lead Developer • Munti LLC

- Led student-run freelance web, mobile and hardware development company
- Built products for startups, teams and established small businesses year-round

Feb 2019 – Present

South Bend, IN

## 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)