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, Modern Web & App Development, Data Science, Systems Programming, Logic Design, 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 _____

Media Software Engineer Intern • **CBS Corporation**
- Standardized end-to-end broadcast distribution configurations (codecs) for entire East Coast feed
- Completed 27 international purchase requests using database queries totaling $132,930 in profit
- Assisted in cloud-based content compute, storage and monitoring for day-to-day operations
- **Technologies**: C++, XML, SQL Server, AWS (EC2, S3, Glacier, CloudWatch), AutoCAD

Summer 2019
New York, NY

Fullstack Software Engineer Intern • **IDEA Center (ideacenter.nd.edu)**
- Developed e-commerce web app with Shopify API through Pair Programming to be used by startup
- Will work with IDEA Center startups to develop full-stack web apps and APIs in Agile Environment
- **Technologies**: JavaScript, React, Next, GraphQL, Apollo, Node, Express, Gatsby, Python, Sass, Git

Winter / Spring 2020
South Bend, IN

Chief Technology Officer • **DeLive Aerial System, LLC (delivedrones.com)**
- Exhibited in CES 2020, secured $20k funding, accelerator invitation and pitch to $100M VC fund
- Solely developed front-end of web app and will integrate with Node + Flask backend through Parse
- Developed RESTful API, and will integrate with drone GCS and NoSQL database in Agile Environment
- **Technologies**: JavaScript, React, Node, Python, Flask, MongoDB, AWS (EB, IoT), Sass, Bootstrap, Git

Oct 2019 – Present
South Bend, IN

Fullstack / Mobile Software Engineer • **Tembo AI, LLC (tembo.ai)**
- Solely developed full-stack SSR web app and messaging mobile apps to be used in alpha testing
- Solely developed indoor location triangulation mobile tracker resulting in $11.5k funding
- **Technologies**: JavaScript, React, Next, Node, Express, Now, Sass, Bootstrap, Python, RPi, Flutter, Git

Jan 2019 – Jan 2020
South Bend, IN

Frontend / Embedded Software Engineer • **Gäshawk Incorporated (gashawkrv.com)**
- Solely developed server-side rendering (SSR) progressive web app (PWA) currently used by startup
- Solely developed touchscreen GUI + LiDAR collision detection system resulting in accelerator invite
- **Technologies**: C++, Arduino, Javascript, React, Gatsby, GraphQL, Netlify, Sass, Bootstrap, Git

Jan 2019 – Jan 2020
South Bend, IN

Frontend / Mobile Software Engineer • **Foreager, LLC (foreager.com)**
- Solely developed peer-to-peer golf rental mobile apps resulting in venture competition semifinals
- Assisted in developing front-end of prototype e-commerce website
- **Technologies**: Flutter, Firebase, Heroku, JavaScript, jQuery, Sass, Bootstrap

Jan 2019 – Aug 2019
Townsend, MA

Founder, Lead Developer / Designer • **Munti LLC**
- Secured $2.5k funding to develop full-stack web and mobile apps for student startup recruitment
- Led software freelance company and built products for startups and small businesses year-round

Feb 2019 – Present
South Bend, IN

___ TECHNICAL SKILLS _____

Programming & Related
- **General**: JavaScript ES6, TypeScript, C/C++, Python, Java, Go/Golang
- **Web**: React (Next, Gatsby), Redux, Node, Express, GraphQL, Apollo Client, Flask, Hugo, jQuery, HTML, CSS (Sass/SCSS, LESS, Bootstrap, styled-components, Material-UI, Tailwind, Bulma), NPM, Yarn
- **Mobile**: Swift, React Native, Dart (Flutter), Expo, Xcode, Android Studio
- **Databases & Deployment**: PostgreSQL, Microsoft SQL Server, SQL, MongoDB, AWS, Firebase, Heroku, Netlify, Vercel (ZEIT Now)

- **Testing & DevOps**: Jest, Enzyme, Git (GitHub, GitLab)
- **Embedded**: Arduino, Raspberry Pi, Verilog
- **Other**: MATLAB, UNIX/Linux, Progressive Web Apps (PWA), OAuth, JSON, XML, YAML, DOM, REST APIs, HTTPS, DNS, Agile Development/Methodologies

Design & Related
- **Digital Media**: Sketch, Figma, Adobe XD, Illustrator, Photoshop, Affinity Designer, InVision Studio, Supernova Studio, Zeplin
- **3D Modeling**: AutoCAD, Fusion 360, SolidWorks