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 Engineer 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 Server, XML, C++, AWS (S3, Lambda, CloudWatch), AutoCAD

Summer 2019
New York, NY

Software Engineer Intern • **The IDEA Center (ideacenter.nd.edu)**
- Will work with IDEA Center startups to develop full stack web apps and APIs in agile environment
- **Technologies**: JavaScript, React, Next, Gatsby, Node, Express, Python, HTML/CSS, Git

Spring 2020
South Bend, IN

Software Engineer • **Social Torch LLC (socialtorch.org)**
- Will develop full stack web app and assist in further developing mobile apps
- **Technologies**: JavaScript, React, Gatsby, Go, Flutter, AWS (Amplify, DynamoDB, API Gateway), Git

Dec 2019 – Present
Schenectady, NY

Lead Software Engineer • **DeLive Aerial System, LLC (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
- Will develop full stack SSR web app, API, and structure database architecture in agile environment
- **Technologies**: JavaScript, React, Next, Python, AWS (Amplify, DynamoDB, IoT), RPi, HTML/CSS, Git

Oct 2019 – Present
South Bend, IN

Lead Software Engineer • **Tembo AI, LLC (tembo.tech)**
- 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, Heroku, Sass, Flutter, Firebase, RPi, Linux, Git

Jan 2019 – Jan 2020
South Bend, IN

Lead Software Engineer • **Gäshawk Incorporated (gäshawk.com)**
- Solely developed touchscreen GUI + LiDAR collision detection resulting in accelerator invite
- **Technologies**: Javascript, React, Gatsby, Netlify, C++, Arduino, HTML/CSS, Git

Jan 2019 – Jan 2020
South Bend, IN

Lead Software Engineer • **Foreager (foreager.com)**
- Solely developed peer-to-peer golf rental mobile apps resulting in venture competition semifinals
- Assisted in front-end development of e-commerce website
- **Technologies**: JavaScript, jQuery, Flutter, Firebase, HTML/CSS

Jan 2019 – Aug 2019
Townsend, MA

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 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/C++, Python, Go/Golang
- **Web**: React (Gatsby, Next, Material-UI), HTML/CSS (Sass, Bootstrap, Tailwind, styled-components), jQuery
- **APIs**: Node, Express, GraphQL, Google Maps, Mailchimp
- **Mobile**: DART (Flutter)
- **Databases & Deployment**: Postgres, SQL Server, AWS, Firebase, Heroku, Netlify, ZEIT Now

- **Embedded**: Arduino, Raspberry Pi, Intel Galileo
- **Other**: MATLAB, XML, Git, Unix, Kali Linux, Agile (Scrum), Google Analytics

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