

# 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.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, Flutter, Firebase, RPi, Linux, Git

Jan 2019 – Jan 2020

South Bend, IN

### Lead Software Engineer • Gāshawk Incorporated (gāshawk.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, Heroku, 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, Google Maps, Mailchimp, Formspree, Google Analytics
- Databases & Deployment:** Postgres, SQL Server, AWS, Firebase, Heroku, Netlify, ZEIT Now, GraphQL

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

### Design & Related

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