# 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
- 2018 Philippine Government DOST-SEI Merit Scholarship Awardee
- **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

**Software Engineer** • **Tembo AI (tembo.tech)**                                     Jan 2019 – Present
- Solely developed iOS/Android apps for user tracking and messaging using partner company SDK    South Bend, IN
- Solely developed and demoed MVP (Indoor Mobile Location Tracker) resulting in $11.5k funding
- Will develop front end of web app for administration use in alpha testing
- **Technologies**: React, Redux, DART, Flutter (Provider), Firebase, Raspberry Pi, Kali Linux, Git

**Software Engineer Technical Lead** • **Gäshawk Incorporated (gäshawk.com)**         Jan 2019 – Present
- Solely developed and demoed MVP (Touchscreen GUI + LiDAR Overhead Collision Detection)    South Bend, IN
  resulting in Start-Up South Bend Elkhart (SUSBE) accelerator program invitation
- Will solely integrate video camera + display module, and continue real-world testing of system
- **Technologies**: C++, Arduino, Git

**Software Engineer** • **DeLive Aerial Systems (deliveaerial.com)**                  Oct 2019 – Present
- Will develop front end of web app and structure database architecture in agile environment    South Bend, IN
- Will assist in further developing drone system for FAA approval and exhibit in CES 2020
- **Technologies**: React, Redux, AWS (DynamoDB, IoT, IAM), Raspberry Pi, Agile (SCRUM), Git

**Software Engineer Technical Lead** • **ShareCaddie**                                Jan – Aug 2019
- Solely developed and demoed MVP (Peer-to-Peer Golf Equipment Rental iOS/Android Apps)    South Bend, IN
  resulting in Semifinals finish (top 30/175 teams) in McCloskey New Venture Competition 2019
- **Technologies**: DART, Flutter (Provider), Firebase, HTML, CSS, JavaScript (jQuery)

**Technology Track Head** • **YouthHack (youthhack.net)**                             Mar 2017 – Jul 2018
- Organized national hackathon, international summit attended by 5 countries and              Manila, Philippines
  10-week startup incubator program for 9 collegiate student-run startups
- Created and taught 4-hr workshops for web dev for collegiate students and professionals
- **Technologies**: HTML, CSS, JavaScript (jQuery)

## ___ TECHNICAL SKILLS _____

**Programming & Related**
- **General**: JavaScript ES6, C++, Python, Java, Go/Golang
- **Web**: React, Redux, Node, Express, jQuery, XML, HTML,
  CSS (SCSS/Sass, Bootstrap)
- **Mobile**: DART, Flutter (Provider)
- **Embedded**: Arduino, Raspberry Pi, Intel Galileo
- **Databases & Deployment**: SQL (Postgres, SQL Server),
  AWS (S3, DynamoDB, Lambda, IoT, CloudWatch, IAM),
  Firebase, Heroku
- **Other**: MATLAB, Git, Linux, Kali Linux, Agile (SCRUM)

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

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