

# DAT NGUYEN

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## Education

### California State University Fullerton

Bachelor of Science in Computer Science, May 2019

GPA 3.37

Related Coursework: Data Structures | Open Source Development | Algorithms | Databases | Front-End Development | Assembly Language | Artificial Intelligence | Compilers | Network Security | Computer Security

## Technical Skills

C/C++ | HTML/CSS | Javascript | Typescript | Bash Script | Python | MySQL | Go Language  
PHP | Perl Script | UNIX/LINUX | Windows | Open Source Development | Agile  
Android Rom Flashing | Computer Building | Computer Maintenance | Artificial Intelligence Concepts  
Angular 7 | Git | Adobe Photoshop | Adobe After Effects | Autodesk 3ds Max | Microsoft Office Products

## Work Experience

### Front-End Developer/Video Marketing - Ayli

January 2019 - October 2019

- Collaborate closely with design team to build and develop functional web pages from their design mockups using HTML/CSS in Angular 7
- Exercise creative freedom when designing and developing web pages without design mockups
- Apply Angular's modular component design to increase responsiveness and speed for the web site
- Use Git to manage version control and collaborate on different projects
- Produce marketing videos utilizing motion graphics for smooth animations using Adobe After Effects

### Web Development and Graphic Design Intern - Cocoweb

May 2017 - September 2017

- Assist in the design and development of marketing materials, using HTML/CSS and Photoshop
- Redesign website blog interface using HTML/CSS, Javascript, and Bootstrap
- Audit and maintain descriptions, price, and images on eCommerce product listings
- Incorporate current design trends into web pages to produce a modern and sleek interface
- Exercise good judgment when interpreting instructions and apply expertise and knowledge to produce projects
- Composite products into various environments using Photoshop, for display on product web page

## Projects

### TuffyPub (Angular 7, Firebase)

- Developed a realtime chat web app with authentication and storage through Firebase and Firestore
- Implemented chat sessions with unique referral URLs to access different public and private chat rooms

### LED Strip Effects (C++)

- Programmed an Arduino UNO using FastLED library as an RGB LED strip controller with presents for various lighting effects and speed control
- Implemented a sound sensor to program and produce lighting effect that responds to music

### Open Inventory (Go, MongoDB, MySQL, HTML/CSS, Javascript, Agile)

- Created an inventory web app with secure account authentication, sleep user friendly interface, and reliable inventory management system with data analytics to review performance
- Troubleshoot issues and designed creative solutions

### Sprite (HTML/CSS, Javascript)

- Developed a web browser game
- Devised a responsive grid system in CSS and applying movement to the sprites using Javascript