




# ALAN NGUYEN

User Experience Designer · Data Analyst · Front-end Web Dev

## CONTACT

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## EDUCATION

### Cornell University

Bachelor of Arts in Information Science

Focus: *User Experience, Interactive Technology and Data Science*  
Graduated May 2020  
GPA: 3.16

### Coursework

- Human-Computer Interaction
- Data Driven Web Applications

## TECHNICAL SKILLS

### UI/UX

- Wireframing:** Figma, Balsamiq
- Visual Design:** Adobe Photoshop, Illustrator
- 3D Modeling:** Fusion 360, Blender

### Software/Web Development

- Programming languages:** HTML, CSS, JavaScript, D3.js, PHP, Java, Python, C++, C, Visual Basic, Angular, NodeJS
- Tools:** jQuery, SQL, SQLite, MySQL, WordPress, GitHub, Arduino, MongoDB

### Data Analysis/Visualization

- Software/Tools:** GIS, Tableau, Microsoft Office

## PROFILE

Recent graduate with a BA in Information Science with concentrations in User Experience, Interactive Technology and Data Science looking for a full-time position. Versatile, dedicated worker with a strong understanding of design principles and experience in coding.

## EXPERIENCE

### TriDigital Marketing

*Web Developer Intern*

*July 2019 – Aug 2019*

- Developed over 20 responsive, intuitive and scalable websites based on customer goals
- Created functional and persuasive landing pages for marketing campaigns
- Collaborated with stakeholders to update, improve and support existing webpages
- Designed and implemented clean, elegant mobile versions of existing webpages

### Tata Consultancy Services

*Software Engineer*

*Aug 2020 – Present*

- Worked for CitiBank to create internal web tools
- Developed code using Java, Spring boot, and Maven for data retrieval from Mongo databases
- Used Angular/Typescript for frontend to create secure methods of interacting with backend API
- Developed UI for webpages that stylistically matched CitiBank's expectations

### Cornell University

*Research Assistant*

*Jan 2019 – May 2019*

- Collaborated with Dr. Susan Fussell to research the relationship between self-image and the effectiveness of video communication in an IRB approved study
- Designed experimental methods, coordinated subject recruitment, conducted experiment, and collected data through interviews with 20 undergraduate students
- Performed statistical analyses of data and presented findings in a research paper

## PROJECTS

### Machine Prototype Design

- Led a team of 3 in the design and development of a cake decorating machine
- Built prototype using self-made 3D printed parts and laser cut materials
- Programmed microcontroller using Arduino to allow user to draw personalized designs onto a cake using syrup
- Presented product to over 100 people in Ithaca community at Sciencenter demo

### Mobile Application Development

- Prototyped an application with the purpose of helping students find study spaces
- Developed user testing strategies and conducted interviews with students to elicit user requirements and obtain feedback during multiple stages of development
- Conducted usability testing and incorporated user feedback to improve the speed and enhance user experience of the application using wireframe tools

### Web Development

*Miralrio Landscaping*

- Coordinated with a team of 4 to create an interactive website with multiple features such as a user authenticated login system with hashing and session IDs, automatic quote calculator and picture tagging capability for a client, who sought to advertise his business in Wylie, Texas
- Communicated with client over a 2-month period to translate needs into requirements and developed sketches, wireframes, and personas to his specifications and constraints