

# Justin Nguyen-Galante

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## SUMMARY

- 6+ years of experience in technical design and programming
  - 3+ years of experience working in agile environments to produce professional web applications
  - Familiar with entire Software Engineering cycle from gathering requirements to deployment and maintenance
  - Proven ability to lead and manage teams comprised of several disciplines
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## RELEVANT WORK EXPERIENCE

### **Software Engineer Intern**

*June 2020 – August 2020*

Publicis Sapient, Houston, TX

- Worked alongside a client in an agile environment to develop a mobile application to improve customers' in-store experience.
  - Successfully delivered the algorithms and Android views necessary to achieve the objective.
- Managed a team of 8 interns when creating a basic website to spread awareness about the hunger crisis. Directed meetings, assigned responsibilities, and ensured deadlines were met.
  - Met our goal of raising awareness after completing development and showcasing the website.

### **Undergraduate Teaching Assistant**

*September 2019 – May 2020*

University of Virginia ECE Department, Charlottesville, VA

- Assisted Students taking UVA's ECE 2330 Course (Digital Logic Design) in progressing through the class by holding office hours, grading tests and quizzes, and running studio/review sessions.

### **Undergraduate Researcher**

*May 2019 – September 2019*

University of Virginia CS Lab, Charlottesville, VA

- Developed software to clean large amounts of data and automatically detect inconsistencies in user-created applets on the IFTTT platform using NLP techniques and neural word embeddings.
    - Detected inconsistent/unsafe applets with about 85% accuracy and have plans for improvements.
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## RELEVANT PROJECTS/COURSEWORK

### **GradeTrackr** (<https://www.gradetrackr.com/index>)

- Played a key role on a team of 5 engineers to create a full stack application that helps students track and manage their grades. Initially a course project, but has now evolved into a successful open source project.
- Integrated Heroku, GitHub, and Travis CLI for deployment, workflow control, and automatic testing. Used HTML, CSS, SQL, and the Django Framework to build the site.

### **Extraterrestrial Webstore** (<https://extraterrestrial.herokuapp.com/>)

- Worked on a small team to create a fully functional online webstore from front end to back end that can securely process BitCoin transactions and safely store information. Used HTML, PHP, and SQL.

### **CS 4102 (Algorithms)**

- Analyzed and developed algorithms for various paradigms such as sorting, searching, and dynamic programming. Analysis techniques included asymptotic worst-case, amortized analysis, reductions, etc.
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## PROFESSIONAL SKILLS

### **Programming Languages:**

- Java     - SQL     - C++  
- Python   - HTML 5  
- C#       - PHP

### **Technical:**

- Windows and Linux OS   - Git  
- Cloud platforms       - Maven  
- React Framework       - Unity  
- REST APIs

### **Soft skills:**

- Teamwork  
- Organization  
- Communication  
- Leadership

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## EDUCATION

Pursuing Bachelor of Science, Double Major in Computer Engineering and Computer Science

**University of Virginia School of Engineering and Applied Sciences**, Charlottesville, VA

Expected Graduation: May 2021

**GPA: 3.90**

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