

# Justin Tran

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## EDUCATION

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<b>Cornell University</b>	Ithaca, NY	Graduating May 2019
GPA: 3.37, Bachelor of Arts: Computer Science		

<b>Rutgers University Honors College</b>	New Brunswick, NJ	September 2015 – May 2016
GPA: 3.88, Dean's List		

## PROJECTS

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<b>Secret Operatives</b>	September 2016
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- Developed a 2D game in Python 2.7 with the PyGame library
- Designed and rendered all art assets and menu components with Sketch and Adobe Illustrator
- Coded main gameplay and object classes; implemented graphics

<b>Justintran.github.io</b>	October 2016
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- Built a personal website hosted on Github, utilizing HTML and CSS
- Incorporated certain selections of graphic design and fine arts portfolio

<b>DOM Tree</b>	April 2016
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- Constructed a Document Object Model Tree in Java based on a given HTML file
- Implemented options to remove, add or swap tags with object-oriented programming

<b>Malloc</b>	December 2016
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- Composed a dynamic memory allocation library in C, emulating malloc, realloc, calloc and free functions
- Optimized code based on speed and utilization, in order to increase performance

## ORGANIZATIONS

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<b>Cornell Student Assembly Tech Committee, Designer and Front-End Developer</b>	October 2016 – present
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- Created a web application using HTML, CSS, and JavaScript to help Cornell students plan their semester
- Coordinated with Student Assembly to create websites and applications for improving campus life
- Worked with CIT to update existing websites in the Cornell domain

<b>Rutgers University Club Tennis, Administrator and Tournament Director</b>	January 2016 – January 2017
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- Created and directed the first intercollegiate Rutgers Club Tennis Invitational
- Completed administrative work for the club; designed and maintained of the club website

## COURSES

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Operating Systems	Computer System Organization and Programming
Computer Game Architecture	Digital Product Design
Data Structures	Introduction to Computer Science

## SKILLS

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**Programming Languages:** Java, Python, C#, C  
**Applications:** Adobe Illustrator, Sketch, Unity3D  
**Web Development:** HTML, CSS, JavaScript