

Joshua Redding

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Education

GEORGIA INSTITUTE OF TECHNOLOGY | ATLANTA, GEORGIA

AUGUST 2014 – PRESENT

- Major: Bachelor of Science in Computational Media (Expected Graduation Spring 2020)
- Concentration: Artificial Intelligence and Interaction Design/Experimental Media
- Minor: Linguistics – Language Processing
- GPA: 3.91

Skills

- **NATURAL LANGUAGES** – English, German
- **DEVELOPMENT LANGUAGES** – Java, Python, C, JavaScript, MATLAB, Bash
- **DEVELOPMENT METHODOLOGIES** – Agile/Scrum
- **DEVELOPMENT SOFTWARE** – Visual Studio, Xcode, Eclipse, IntelliJ, PyCharm, Git, Vim

Projects

DESIGNER'S TETRIS | JAVA

FALL 2015

- Reenvisioned the game of Tetris for three players with separate roles
- Coordinated with a team for deadlines and milestone deliveries

END-OF-THE-DAY REPORT GENERATOR | HTML/CSS/JAVASCRIPT

FALL 2016

- Designed and implemented a cross-platform tool for speeding workflows by over 90%
- Distributed software to an entire department at Cartoon Network Digital
- Maintained and updated software throughout use case and platform changes

Professional Experience

TEACHING ASSISTANT | GEORGIA INSTITUTE OF TECHNOLOGY

MAY 2017 - PRESENT

- Head Teaching Assistant: May 2017 – May 2018
- Assisting instruction in the Computer Science course Media Device Architectures
- Lecturing on course topics, grading assignments, and troubleshooting student code
- Developing scripts for organizing student submissions and writing C assignments for students

IT SUPPORT STUDENT | GEORGIA INSTITUTE OF TECHNOLOGY

MAY 2018 – AUGUST 2018

- Developed scripts for automating existing manual procedures
- Reimaged new and used machines with the Microsoft Deployment Toolkit
- Troubleshot hardware, software, and network issues on administrative and research machines

QUALITY ASSURANCE ANALYST | CARTOON NETWORK DIGITAL

JANUARY 2016 – MAY 2018

- Performed comprehensive evaluations for mobile applications in all stages of development
- Coordinated with software producers and developers to ensure maximum product quality

Leadership Experience

NEW STUDENT ORIENTATION EXECUTIVE | GEORGIA INSTITUTE OF TECHNOLOGY

MARCH 2015 – AUGUST 2018

- Executive Member: October 2017 – August 2018, Student Leader: March 2015 – January 2017
- Planned and coordinated ten two-day orientation sessions per year
- Recruited and developed a team of ninety student leaders
- Led small groups of incoming students and introduced them to the college experience