

GRIFFIN TANG

SOFTWARE DEVELOPER

PROFESSIONAL EXPERIENCE

Universal Creative - Advanced Technology Interactives 2018
Software Engineering Intern

- Collaborated with designers and writers to derive technical requirements from creative intent, then implemented next-generation experiences and presented to executives
- Developed Unity simulation software working with cross-functional development teams to accelerate project schedules and save unprecedented dollars from the project

Carnegie Mellon University Infant Cognition Lab 2017
Project Manager & Lead Programmer

- Designed and implemented an eye tracking diagnostic program to be used by labs and medical practitioners across the U.S. to detect signs of ADHD in infancy
- Conducted an extensive literature review analyzing 30 years of Visual Expectation Paradigm experiments in order to synthesize scientifically grounded practices and minimize bias

PROJECTS

Linguini - Deep Learning Kitchen Assistant *Project Manager* 2018

- "When will my steak be medium-rare?" Using thermal imaging, deep learning, and Google cloud resources, Linguini can answer that and much more (<https://bit.ly/2KacyVB>)

Simple Sublet - Home Sharing Application *Project Manager* 2018

- Created a platform for peer-to-peer short-term renting using MongoDB with the functionality built in PyMongo. Created database diagrams and functions for my team to model off of

Hello Worlds - Python Physics Game *Solo Developer* 2017

- Designed and developed a gravity-based puzzle game in Python 3 with a custom physics engine to allow the visualization of vector fields (<http://bit.ly/2n1cSqT>)

LEADERSHIP

Sigma Phi Epsilon 2018
Vice President of Communication

- Executive board chair for operations, public relations, web applications and development.

CONTACT

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EDUCATION

Carnegie Mellon University 2020
Pittsburgh, PA

**B.S. Information Systems &
Human Computer Interaction**
GPA - 3.6 (Fall Dean's List)

SKILLS

Python, C, Java, Unity/C#

SQL, MongoDB, Redis, R

Ruby/Rails, HTML, CSS, JS

AWARDS

Humanities Scholar Fellowship

My CMU '17 Keynote Speaker

Drone Design Grant Winner

PERSONAL

U.S. Citizen / Drivers License

Act 153 FBI Certification

Iron Chef CMU 2017 Champion