Angel Q. Fan

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Education

2016–present

University of Pennsylvania - *School of Engineering and Applied Science, Philadelphia, PA*
Candidate for Bachelor of Science in Engineering, May 2020
Major: Computer Science
Relevant Coursework: Programming Languages and Techniques I, Introduction to Computer Systems, Mathematical Foundations of Computer Science, Data Structures and Algorithms (in progress), Automata Computability and Complexity (in progress)

Experience

Fall 2017 - Present

Teaching Assisstant for Introduction to Computer Programming
University of Pennsylvania
• Hold weekly office hours for 250 students, grade Java programming assignments and exams for efficiency and style

Summer 2015

Research Intern
Laboratory of Molecular Biology, National Institutes of Health
• Worked with Dr. Mitchell Ho, Head of Antibody Thearpy Section
• Detected Glypican-3 in the exosomes ioslated from hepatocellular carinoma cells
• Awarded first place in molecular sciences by the Washington Science Society at poster day

Projects and Awards

Winter 2017

FemmeHacks
My Skincare, a web app that offers users personalized daily skin care routines
• Won the Rough Draft Ventures Prize
• Technololgies used: HTML, CSS, JavaScript, Google API

Winter 2017

PennApps XV
• ListMkr, a web app that allows users to create universal playlists including music, texts, videos
• Technololgies used: HTML, CSS, JavaScript

Fall 2016

CIS 120: Programming Languages & Techniques I
• Snake Game, a simple snake game that mimics the original retro look
• Technololgies used: Java

Involvement

Winter 2017 - Present

PennApps Hackathon - Media Team Committee Head
• Manage and create social media marketing campaigns
• Create, curate and manage all published content

Fall 2016 - Present

The Daily Pennsylvanian - Associate Photo Editor and Staff Photographer
• Take photo assignments for online and printed publications
• Curate photos for articles and edit raw photos submitted by staff photographers

Fall 2016 - Present

PennAppetit - Staff Photographer

Skills

Languages: Java, Ocaml, JUnit, Python, HTML, CSS, JavaScript, Linux/Unix, git
Applications/Software: Microsoft Office, Photoshop, Dreamweaver, AutoCAD
Foreign Languages: Fluent in English and Mandarin Chinese, Proficient in Spanish