

Frances Hughes

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Professional Summary/Career Objective

Creative, detail-oriented Computer Science major looking to bring enthusiasm and energy to a collaborative, team-oriented company.

Education

Tufts University, Medford, MA - B.S. Computer Science, Minor - Applied Mathematics

December 2018

Carnegie Mellon University, Pittsburgh, PA - Computational Finance

2014-15

Relevant Coursework and Campus Activity

Computational Geometry, Mobile Development, Algorithms, Real Analysis, Web Programming, Machine Structure and Programming, Data Structures, Discrete Mathematics, Differential Equations, Linear Algebra, Women in Computer Science (WiCS)

Work Experience

Ada's Cafe, Palo Alto, CA – Manager, Website Programmer, Social Media Director, Barista

2012 - 2017

Developed the website for Ada's Café, a Palo Alto-based non-profit, social enterprise. Social media campaign manager for Ada's. Organized inventory, payroll and staffing schedules for Ada's Cafe in both Palo Alto and San Francisco. Created and edited Facebook and Twitter posts. Organized and worked as the barista for the opening of Ada's second location in San Francisco, and taught proper espresso techniques to new employees.

Castilleja School, Palo Alto, CA – Summer Educator

2016

Taught computer programming, chemistry, and filmmaking to elementary school girls.

Schmidt Family Foundation/11th Hour Project, San Francisco, CA – Environmental Impact Analyst

2015

Developed and implemented programs to improve environmental practices in hydraulic fracturing and wastewater management. Collaborated with environmental scientists, planners, hazardous waste technicians and legal experts to address environmental problems and mitigation plans. Provided recommendations for regulatory analysis and environmental database development.

RBF Consulting, Walnut Creek, CA - Summer Engineering Intern – Civil Design Division

2014

Reviewed designs of driveways, sidewalks, and curbs for projects within the cities of Walnut Creek and Palo Alto using AutoCAD, a computer-assisted engineering and design software program.

Accomplishments/Awards

Teaching Assistant - Discrete Mathematics, Tufts University; Vice President of Risk Management, Tufts University Inter-Fraternity Council; Vice President, ATO of Massachusetts; Student Senator, Carnegie Mellon University; Student Body President, Castilleja School; Sundance Film Festival Finalist and Best Youth Director at the Portland Women's Film Festival - Washing Away (2012).

Computer Skills

Fluent in C, C++, C#, HTML, JavaScript, Java, Android Studio, MongoDB, Microsoft Office and Intuit QuickBooks.

Interests

Volunteer - Basketball Coach, Boys and Girls Club of Somerville; Math Tutor, Medford Public Schools

Healthy Exercise - American Junior Golf Association (AJGA) Member (18 Handicap); Competitive Far West Ski Association Alpine Race Team; Biking; Hiking; Travel

Personal Goals - Run the Boston Marathon in 2018, Travel to Thailand and volunteer at Elephant Nature Park