

Georgia W. Channing

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Adaptable Computer Science student with MTA 98-367 certification, fluent in four languages, strong security interest, and background in combinatorics and data science.

Education

University of Tennessee GPA: 3.6/4.0	Knoxville, TN Fall 2017 & Fall 2019
ETH Zürich Major: Informatik Bachelor's Thesis 2019 Grade: 5.75/6	Zürich, CH Fall 2018 - Summer 2019
University of Southern California Major: Computer Science, Minor: East Asian Language and Culture GPA: 3.7/4.0	Los Angeles, CA Spring 2018
St. Paul's School SAT: 1550/1600	Concord, NH Class of 2017

Experience

YMCA Camp Fuller <ul style="list-style-type: none">Selected for Leadership Development ProgramTaught sailing to children aged 6-16Translated for exchange campers from Spain and China	Wakefield, Rhode Island Summers June 2015 - August 2017
TN-China Network <ul style="list-style-type: none">Translated for English-only participantsExplored opportunities for business exchange with producers, studio owners, and Nashville Council representatives on music business tour of ChengDu	Chengdu, China March 2017

Activities

Big Data LA <ul style="list-style-type: none">Volunteer coordinator for speakers and sponsors (including Google, Netflix, etc)Works with head organizers remotely to find speakers and organize the 1500+ person event	Los Angeles, CA June - August 2018
Women in Computing (WIC) <ul style="list-style-type: none">Marketing Director for 2018-19 school yearPlans events, runs social media pages, and publicizes eventsBuilt and runs WIC website	Los Angeles, CA June 2018 - August 2018
USC Varsity Sailing <ul style="list-style-type: none">Skipper for women's teamCrew for mens and team racing	Long Beach, CA January 2018 - August 2018
Confucius Institute <ul style="list-style-type: none">Placed second in Confucius Institute essay contest on growth and creativity in China	Knoxville, TN November 2017
UTK Hack <ul style="list-style-type: none">Active member of UTK HackPrepared for and participated in CTF events, as well as CSAW, PolyCTF, Hack.Lu, and PlaidCTF	Knoxville, TN September - December 2017
National Security Language Initiative <ul style="list-style-type: none">Selected from a national pool of candidates to receive fully-funded merit scholarshipLived in a homestay for 6 weeks in Chisinau, MoldovaTested to OPI Level Intermediate Middle in Russian	Chisinau, Moldova June- August 2017

Projects

Bachelor's Thesis: Using respiratory rates to predict cardiac arrhythmia in hospital patients. Programming in SQL, Python, and scikit learn in order to train AI on MIMIC-III database. The model achieved, at its best, an accuracy of 0.98 in the prediction of cardiac arrhythmia. Received a score of 5.75 out of 6, the best score one can receive without a letter of exemption from the Thesis Office.

Coursework

Chinese 404: University of Southern California's most advanced Chinese level. Majority of students are native Chinese or strong heritage speakers.

Math 432: Received an A in this advanced combinatorics class primarily for seniors in the Math department.

Honors Accounting 207: Received an A in a course in which 50% of students fail.

Geometry: Combinatorics and Algorithms: Master-level class in combinatorial analysis of geometric algorithms.

Skills & Interests

Technical: Competency in C++, x86 Assembly, Kali Linux, Python, SQL, Javascript, CSS, and Java

Language: Chinese (C1), Russian (B2), Spanish (B1), German (C1)

Laboratory: Columbia Summer Chemistry Program, top 5% student

Interests: Rock Climbing, Chinese Rap, Bug Bounty, and Cooking