

LEON CHEN

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EDUCATION

Swarthmore College

Swarthmore, PA | Graduating May '18
B.A. in Computer Science.
Minor in Statistics. GPA: 3.7/4.0

LANGUAGES

	Python	HTML/CSS
	C++/C	Swift
Computer	R	Ruby
	OCaml	SQL
	JS (jQuery)	MATLAB
Spoken	中文 / 日本語 / français	

AWARDS

Lime Connect Fellow ('16)
Lenfest Foundation Scholarship ('15)
Henry Luce Foundation Grant ('15)
Outstanding Delegate @ BMUN ('14)
National Merit Finalist ('13)
National AP Scholar ('13)

ORGANIZATION

Career Peer Adviser ('15- Present)
Daily Gazette Journalist ('14-'16)
O4U Technology Attendee ('15, '16)
Google Student Ambassador ('15)
Yale Global Scholar Participant ('13)

WORK EXPERIENCE

Research Assistant, US Forest Service, Washington D.C.
Starting August 2017, Under Prof. Kelly McConville

Software Engineering Intern, Google, Mountain View, CA
May 2017 - Present

- Designed and implemented system for migrating live Google Shopping database, leading to lookup and space efficiency improvements.

Resident Assistant, Danawell Residential Hall, Swarthmore, PA
Apr 2016 - Present

- Led dialogues and workshops on issues of diversity, gender and sexuality, racism, alcohol & drug abuse, and mental health for 38 residents
- Advocated and provided individualized support for residents facing either chronic or temporary academic, physical or mental health setbacks

Engineering Practicum Intern, Google, New York, NY
May 2016 - Aug 2016

- Elicited more accurate speech recognition results from Google's production-use language model by creating four disparate tools to debug n -gram probability distributions

Marketing Intern, Idibon, San Francisco, CA
Dec 2015 - Jan 2016

LEADERSHIP

Statistics Teaching Assistant, Swat Math Dept., Swarthmore, PA
Apr 2016 - May 2017

- Selected as one of 6 students by professors in the department to aid students in Intro to Stats, Probability, and Bayesian Stats
- Disambiguate complex probability and pertinent calculus concepts by holding weekly 3-hour problem sessions for approximately 30 students

Co-President, Swat Asian Organization, Swarthmore, PA
Aug 2014 - Jan 2017

- Direct Swarthmore's 2nd largest affinity group by running executive board meetings and club's racial organizing efforts
- Managed the Big Sib/Little Sib program for incoming 2019 freshmen, yielding a 44% increase in participation from 2018

PROJECTS & PAPERS

* If not on my Github (hi-im-leon), email me for source codes.

Tabgregate

Collates and deletes tabs intelligently.
HTML, CSS, JS, Chrome APIs.

SwatCourseReview

Ameliorating the daylight robbery that is American college tuition. RoR, JS.

Follow The Leader

Built animatable characters exhibiting fluid steering behavior. C++, OpenGL.

leon-chen.me

Just my crack at Github Pages, Jekyll, and JQuery.

Unbiased Police Dispatcher

Combat broken-window policing with ML-based cop dispatcher. Scikit, Python.

Predicting Percent Mammographic Density for the BCRAT.

Prof. Lu Chen. April 2017. R, \LaTeX