

Melanie Chen

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EDUCATION

M.I.T.

B.S. IN COMPUTER SCIENCE

Jun 2019 | Cambridge, MA

Pi Beta Phi, WMBR Radio Show Host, PR Director of MIT Animation Group, Art Club, TECHnique Photography Club, Poker Club

INTERLAKE HIGH SCHOOL

Grad. June 2016 | Bellevue, WA

Rank: 4/367

GPA: 4.0/4.0

IB Diploma Graduate and AP National Scholar, Math Club President, Girls Who Code President, DECA Chapter Officer

LINKS

LinkedIn:// [melanie-c-423097101s](#)

COURSEWORK

Linear Algebra

Math for Computer Science

Intro to Electrical Engineering and Computer Science

Intro to Programming

Intro to Algorithms

Probability and Random Variables

SKILLS

PROGRAMMING

Python • Javascript • HTML/CSS • Java • JQuery • Django • Meteor.js • Node.js • C Sharp • XAML • \LaTeX • Arduino • IOS • Android • IBM Bluemix

GRAPHIC DESIGN

Adobe Illustrator • Adobe Photoshop

EXPERIENCE

IBM WATSON | SOFTWARE ENGINEERING INTERN

Expected Jan 2016 - Feb 2016 | Cambridge, MA

- Developed IOS and Android applications for internal crowd-sourcing of audio recordings with cloud database functionality.
- Learned to use Node Red, IBM Bluemix, and write to Cloudant databases.

MIT MEDIA LAB | UNDERGRADUATE RESEARCHER WITH SCALABLE COOPERATION GROUP

Sep 2016 - Dec 2016 | Cambridge, MA

- Developed new mechanisms for Moral Machine website to collect data on user demographics and preferences
- Created backbone for new Classic Mode on website.

HITACHI DATA SYSTEMS | SOFTWARE ENGINEERING INTERN

Sept 2015 - Jun 2016 | Bellevue, WA

- Developed recruiting tool to aggregate candidate data, track candidate progress and interview feedback.
- Beta tested recruiting web app in Bellevue office before implementing in other US branches.
- Planned, designed, and executed tests for September 2016 releases for Unified Compute Platform.

MICROSOFT RESEARCH | HIGH SCHOOL INTERN

Jun 2015 - Aug 2015 | Redmond, WA

- Developed Windows Phone 8.1 in C Sharp and XAML complementing innovative shopping experience developed by my team.
- Participated in experiments regarding virtual reality on HoloLens.

GIRLS ROCK IN SCIENCE AND MATH | INSTRUCTOR

Aug 2013 - Jun 2016 | Redmond, WA

- Taught elementary school girls, encouraging them to pursue their interests in STEM while developing math curriculum.
- Co-founded the Girls Embrace Math and Science Competition for elementary-school girls in the Greater Puget Sound Area (<https://sites.google.com/site/girlsrockscimath/gems-competition>).

AWARDS

2016	National Merit Scholar
2016	Coca Cola Scholars Regional Finalist
2016	APCA Scholarship Winner
2016	BECU Scholar
2016	DECA International Career Development Conference 3rd Place in Marketing Communications Team Decision Making
2015	Washington State Science and Engineering Fair 1st Place in Mathematical Sciences, awards from U.S. Air Force, U.S. Navy, NOAA.
2013 - 15	AIME Qualifier
2014	BPA Regional Science Bowl WA/OR 3rd Place Team