

Elaine Yeung

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Education

Holberton School of Software Engineering two-year higher education alternative 2/2017 – 11/2017
Baylor University B.A. University Scholars Program with concentrations in sociology, political science and philosophy 8/2003 – 8/2007

Professional Experience

Sentry Software Engineering Intern ▸ 2/2018 – 8/2018

- Developed monitoring tool in Python to track Google Cloud Platform (GCP) resource consumption
- Built prototype of engineering team's internal development environment using Docker Compose
- Transitioned organization from self-hosted Docker registry to GCP Container Registry
- Integrated a new feature in internal deployment system using GCP Container Builder and Container Registry
- Implemented garbage collection function in Python to track and delete old images from GCP Container Registry

KIPP Legacy Preparatory School Assistant Principal ▸ 6/2012 – 6/2016

- Delivered professional development for parents, teachers and administrators in leveraging data collected from blended learning programs
- Led expansion of blended learning from one classroom to campus of 700+ students
- Balanced limited resources and class schedule for campus to ensure that students received 110 minutes of individualized instruction a day
- Authored two successful grant applications resulting in funds totaling over \$100,000 to purchase Chromebooks
- Recruited to be a founding teacher in one of ten kindergarten classrooms

Teach For America - Houston

Teacher ▸ 6/2010 – 6/2012

Teacher ▸ 6/2008 – 6/2010

State Senator Rodney Ellis - 80th Texas Legislative Session

Policy Advisor Intern ▸ 1/2007 – 5/2007

US Department of Justice - placement by Organization of Chinese Americans

Intern ▸ 6/2006 – 8/2006

Awards, Scholarships and Recognition

- Glitch webapp 'go-here-hk' included in weekly collection glitch.com/@glitch/this-week-on-glitch-march-8-2019 3/2019
- Cloud Native Computing Foundation Diversity Scholarship recipient to attend KubeCon North America 2018 11/2018
- Sentry 2018 Hack Week, finalist github.com/egsy/menrva 8/2018
- Holberton School 2018 Docker Hackathon, finalist github.com/egsy/betty-docker 5/2018
- StarCraft II Artificial Intelligence workshop attendee by invitation from Blizzard Entertainment bit.ly/sc2ai 10/2017
- Linux Foundation Diversity Scholarship recipient to attend Open Source Summit North America 2017 7/2017

Projects

Platformer game github.com/egsy/holbertonschool-unity

- Designed a basic platformer game, adding features and functionality while learning more about C# and game design in Unity
- Built basic 2D clone of Tetris

Go-here-hk go-here-hk.glitch.me

- Improved travel recommendation experience for a friend by building a customized map using Foursquare API and Mapbox GL JS

StarCraft II Learning Environment in Docker github.com/yeungegs/botbier

- Reduced barriers to Deep Mind's StarCraft II Machine Learning Environment setup with improved technical documentation and Docker
- Pull request improving shell script merged to master github.com/Blizzard/s2client-docker/commit/746ac27

Automation-ftw github.com/yeungegs/automation-ftw

- Collection of bash scripts written as a student to automate repetitive tasks related to Holberton courseload

Speaking

- DockerCon North America 2018 2018.dockercon.com/speakers 13/6/2018
- PyBay 2018 pybay.com/speaker/elaine-yeung/ 19/8/2018
- DevOpsDays Kansas City 2018 www.devopsdays.org/events/2018-kansas-city/program/elaine-yeung/ 17/10/2018
- Interview with theCube during Open Source Summit NA 2017 youtu.be/PZeciTItz_w 12/9/2017

Writing

- "Using objdump to investigate k = k++" www.linux.com/blog/using-objdump-investigate-k-k 5/4/2017