

ryangrose

full stack + data science

contact

6200 Norma Beach Rd
98026 Edmonds
Washington

425.361.5666

rgrose@uw.edu

github/ryangrose

linkedin/ryanwgrose

programming

python + django

vuejs

git

java

C/C++

matlab

languages

english

swedish -

(limited proficiency)

education

- 2014-2018 **University of Washington** Paul G. Allen School of Computer Science
Bachelor's in Computer Science with Data Science option
- 2016-2017 **Kungliga Tekniska Högskolan** Royal Institute of Technology
Selected for one year exchange program with Stockholm's technical university

experience

- spring 2018 **Software Engineering Intern - Part Time** Kernel Labs
Built object/entry modeling system for legal disclosure webapp (asidero.com). Created admin site template with automated deployment on AWS (for internal use).
- win 2018 **Software Engineering Intern - Full Time** Kernel Labs
Independently prototyped and built authorizing consent webapp from conception to deployment and marketing. Built using django, nginx, jquery, and trustedkey.
- sum 2015 **IT Intern** Benefit Solutions Inc
Analyzed and addressed technical concerns of call center employees. Guest security cards were regularly lost so after discussing with my boss, I developed an android app for check-in tracking and notification.
- 2013-2014 **Computer Science TA** Kamiak High School
Taught introductory computer science to high schoolers alongside industry professionals (TEALS program).

projects

- spring 2018 **easy pandoc templates** Personal Project
Created, curated, and modified pandoc templates for easy use from anywhere
- jan 2017 **Data Denoising** Team Research Project
Developed a Kernel PCA denoiser and compared effectiveness of different kernels in character recognition
- fall 2016 **Chess AI Search Depth** Team Research Project
Implemented & compared tree search techniques to improve performance of chess playing ai
- spring 2015 **Facial Recognition** Class Project
Implemented a Matlab program to recognize faces based off the eigenfaces method