ivan@echevarria.io www.echevarria.io San Mateo, CA

Ivan Echevarria

		San Mateo, CA
	O .	2021-04 – present
SetSail – Softwa	are Engineer, Data Science	2018-09 – 2021-02
Used NLP to build of	core features in SetSail's <u>Discover</u> and <u>Accelerat</u>	<u>te</u> products
• Optimized SetSail's <u>Collect</u> product for 10x scaling and added privacy features		
	laborated with the SetSail product team and customers to develop custom use cases	
• Enhanced team effe	ectiveness by mentoring junior data scientists, p	promoting best practices
CarMax – Busi	ness Analyst Intern	2017-06 – 2017-08
 Boosted profit by \$6 million+ per year by using machine learning to set better 		o set better car prices
• Combined external	data with internal data in novel ways to improve	e core pricing models
AidData – Rese	earch Assistant	2016-04 - 2016-08
• Saved \$150,000+ b	y using NLP to automate analysis on 2 million o	documents
 Increased system th 	nroughput 5x by profiling and optimizing existing	ng services
W&M Departr	ment of Mathematics – Research Assis	stant 2015-06 – 2015-07
Python - Clojure -	- C - SQL - JavaScript - HTML/CSS	
AWS (S3, Athena, ECS, SQS) - GCP - Git - Linux - Docker		
Functional Program	nming - Machine Learning - NLP - Data Eng	ineering
Lego Face VAE	neural network that generates images of I	.ego faces (<u>write-up, GitHub</u>)
	Ray Tracer JS 3D ray tracer renderer with shadows and reflections (<u>GitHub</u>)	
•	More projects on my <u>personal site</u> and on <u>GitHub</u>	
• •		
Phi Beta Kappa	Awarded to top 7% of graduating s	seniors
	Ladder Life — S Building Ladder's of SetSail — Softw Used NLP to build of Optimized SetSail's of Collaborated with the Worked with data of Enhanced team efficiently including linting at CarMax — Busion of Boosted profit by the Combined external care AidData — Resonous of Saved \$150,000 + the Increased system the W&M Department of Used machine learned of Accelerated image of Python — Clojure — AWS (S3, Athena, Infracer JS More projects on more	Ladder Life — Software Engineer Building Ladder's core underwriting platform using Clojure SetSail — Software Engineer, Data Science Used NLP to build core features in SetSail's Discover and Accelerated Optimized SetSail's Collect product for 10x scaling and added privation of Collaborated with the SetSail product team and customers to develow Worked with data from end to end, from ingestion to ETL to mode Enhanced team effectiveness by mentoring junior data scientists, princluding linting and testing, and building easy-to-use internal libe CarMax — Business Analyst Intern Boosted profit by \$6 million+ per year by using machine learning to Combined external data with internal data in novel ways to improve AidData — Research Assistant Saved \$150,000+ by using NLP to automate analysis on 2 million to Increased system throughput 5x by profiling and optimizing existing W&M Department of Mathematics — Research Assistant Used machine learning and image processing to classify disease presented image processing by rewriting scripts to run on a supering Aws (\$3, Athena, ECS, \$QS) - GCP - Git - Linux - Docker Functional Programming - Machine Learning - NLP - Data Engine Lego Face VAE Ray Tracer JS 3D ray tracer renderer with shadows and More projects on my personal site and on GitHub William & Mary — graduated 2018 summa cum laude (GPA 3.85) B.S. in Computer Science with a minor in Applied Mathematics

Courses

Recurse Center – Spring 1 2021

James Monroe Scholar

Bradfield School of Computer Science – Computer Architecture, Operating Systems

Bob & Debbie Noonan Award Awarded to 2 seniors for excellence in computer science

Awarded to top 10% of incoming freshmen