Ivan Echevarria
Software Engineer / Data Scientist

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www.echevarria.io
San Mateo, CA

Languages	Python - Node.js/JavaScript - SQL - Go - HTML/CSS - C/C++ - Java
Tools	AWS - GCP - Git - Linux - Docker
Skills	Software Engineering - Data Science - API Design - Machine Learning - NLP

Experience

SetSail
09/2018 - present
- Work the full data stack, from ingestion to ETL to model training and productionization
- Build user-facing features for the core product using NLP
- Collaborate with engineers and data scientists to scale ML pipeline
- Tech: Python, Node.js, AWS (S3, Athena, ECS, SQS), PostgreSQL, Presto

CarMax
06/2017 - 08/2017 *(internship)*
- Boosted profit by $6 million+ per year by using machine learning to set better car prices
- Analyzed and leveraged external data to improve core pricing models
- Tech: Python, SQL, MongoDB

AidData
04/2016 - 08/2016 *(internship)*
- Saved $150,000+ by using NLP to automate analysis on more than 2 million documents
- Collected articles relevant to AidData 5x faster by optimizing existing services
- Tech: Python, JavaScript, R

William & Mary Department of Mathematics
06/2015 - 07/2015 *(internship)*
- Used machine learning and image processing to classify disease progression in 80 GB of images
- Accelerated image processing 20x by rewriting scripts to run on a supercomputer cluster
- Tech: Python, MATLAB, R

Projects

Reply Only	collaborative photo sharing platform with a RESTful API written in Go and a front end built with Vue.js; deployed to GCP
Ray Tracer JS (link)	3D ray tracer renderer with shadows and reflections written in JavaScript

More projects at www.echevarria.io/code

Education

William & Mary - graduated 2018 *summa cum laude* (GPA 3.85)

B.S. in Computer Science with a minor in Applied Mathematics

Honors

Phi Beta Kappa	Awarded to top 7% of graduating seniors
Bob & Debbie Noonan Award	Awarded to 2 seniors for excellence in CS applications
James Monroe Scholar	Awarded to top 10% of incoming freshmen