Ian Macalinao

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🎓 education

University of Texas at Austin
B.S, Pure Mathematics
3.7 GPA, Graduated May 2018

☰ skills

Languages: Scala, Go, TypeScript/JavaScript, Ruby, Python, Java, Hack/PHP, SQL, HTML/CSS

Other: Unix/Linux, Rails, Node.js, React/Redux, Angular, Hadoop, AWS, Cassandra, Functional programming

🔧 projects

HackDFW
Founder and director of technology of the first and largest student hackathon in Dallas.

Colleged.net
College textbook price comparison website built on MEAN. Received 2000 unique visitors in January 2015.

New Liberty
Modded Java Minecraft server using reverse-engineered code. Peaked at 3500 unique monthly players.

💼 work

Abacus   January 2018 - October 2019
Chief Technology Officer, Co-Founder
- Raised $2.1 million from investors including Y Combinator, Justin Kan, and Coinbase Ventures
- Led and recruited a team of 3 engineers and 1 product manager
- Managed a Kubernetes cluster and Jenkins X CI/CD pipeline
- Implemented SOC 2 Type I organization-wide as head of IT security
- Invented a framework to represent financial securities as non-fungible blockchain tokens

Asuna (Legends.ai)   June 2016 - December 2018
Chief Technology Officer, Co-Founder
- Website displaying League of Legends statistics
- Used Scala (Cats + Monix), Cassandra, and Redis to ingest and aggregate 1TB of game data per day, building an extensible denormalization framework to quickly query different views of data.
- Sold to Team SoloMid in Dec 2018 for an undisclosed sum

Facebook   Summer 2017
Software Engineering Intern, Ads
- Used NLP to help support agents find solutions to incoming requests and to help advertisers find solutions faster

Google   Summer 2016
Software (Site Reliability) Engineering Intern
- Developed a system to detect production anomalies and alert SREs

Uber   Spring 2016
Software Engineering Intern, UberEATS
- Implemented a per-restaurant maximum delivery radius
- Increased stability of services as UberEATS grew from 1 to 15 cities by improving logging, performing load tests, and adding CI

ResearchNow   Fall 2015
Software Engineering Intern
- Developed an ETL pipeline to aggregate data from Hadoop HDFS using Apache Spark and Cloudera Impala, resulting in a ~5x speed improvement

IFTTT   Summer 2015
Software Engineering Intern
- Migrated push notifications to AWS SNS, saving 98% in push-related costs