



UWaterloo sophomore,  
full-stack developer,  
entrepreneur.



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devchakraborty



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## LANGUAGES

Go, Javascript/Node, Python, Swift, Java, C/C++, PHP, Ruby, Scheme, Haskell

## FRAMEWORKS/TOOLS

React, Angular, PostgreSQL, AWS, GAE, Docker/Kubernetes, Sketch/Photoshop

## EDUCATION

Bachelor of Computer Science '19  
University of Waterloo  
3.86/4.00 GPA

## EXPERIENCE

**Edusight** (Jan '14 – Sept '15)

**Co-Founder, CTO** (Toronto, Canada; Redwood City, USA)

- Founded an edtech startup, product used by 400 schools worldwide
- Built and scaled Go API on AWS; 120K grade entries handled
- Built features in Swift for Edusight Notes app, including audio/video upload
- Built Javascript API client for implementation in React app
- Wrote security compliance documentation for prospective clients
- Collaborated with partner companies to build OAuth and sync integrations

**Webnuts** (Oct '13 – May '14)

**Web Developer** (Toronto, Canada)

- Added functionality to Toronto real estate agency's WordPress template
- Built new features in PHP: listings search, related items, neighbourhood stats
- Improved listing lookup response times by 50% through query optimization

**RBC Royal Bank** (Aug '12)

**Summer Intern** (Mississauga, Canada)

- Tested and documented a tool used to generate training materials
- Provided recommendations on the continued use of the training tool
- Tested an internal communications tool prior to nationwide launch

## PROJECTS

**Stokr** ([devpost.com/software/stokr](http://devpost.com/software/stokr))

App that lets Mac users play games made for Windows via AWS instances.

**xkcd+** ([github.com/devchakraborty/xkcd-plus](http://github.com/devchakraborty/xkcd-plus))

Chrome extension that improves the browsing experience for xkcd readers.

**Glas4** ([devpost.com/software/glas4-6so9yw](http://devpost.com/software/glas4-6so9yw))

React/Parse app that summarizes presidential candidates' platforms using machine learning and YouTube video segments.