Guilherme Berger

guilherme.berger@gmail.com
gberger.me   github.com/gberger
+1 (919) 593-7618   +55 (21) 99696-0420

Experience

Google - *Software Engineering Intern*   May 2015 - August 2015
Technologies: Java, JavaScript (Dart), AngularJS   Irvine, California

- Devised and implemented a pipeline to analyze data from the system that deals with most marketing and transactional emails under Google
- Greatly improved understanding of the system's users and their necessities by creating reports on usage of features, segmented over various variables
- Volunteered at the Special Olympics and at the Newport Bay Conservancy

VTEX - *Software Engineering Intern*   June 2013 - July 2014
Technologies: JavaScript (CoffeeScript) , AngularJS, jQuery, Node.js   Rio de Janeiro, RJ

- Led the development of the company's JavaScript SDK for external developers
- Focused on user experience and optimization for AngularJS
- Contributed to in-house and external open source libraries. Examples are: github.com/mgcrea/grunt-nginclude and github.com/vtex/front.phone
- Developed a Chrome Extension used by hundreds of VTEX developers and associates

Education

Pontifical Catholic University of Rio de Janeiro (**PUC-Rio**)   Expected December 2016
B.S. in **Computer Engineering**   Honors: top 1% of class — GPA: 9.0/10.0

University of North Carolina at Chapel Hill (**UNC**)   2014 - 2015
Computer Science Exchange Student   GPA: 3.43

Projects

PUC Que Pariu
Technologies: Ruby on Rails, PostgreSQL, Heroku

- Educational website & foundation that provides study materials for PUC-Rio Engineering students
- Used by 50%+ of the Engineering student body, peaking at 1200 daily visits on exam weeks
- Recruited and led a team of 12 contributors
- Had over 100 one-on-one CS101/102 tutoring sessions with over 30 students

Dangr @ HackDuke: Code For Good

- Used Machine Learning to classify tweets as portraying immediate danger or not. If a high enough danger level in a geographical area was detected, it notified locals of a possible threat

HoloGlobo @ Hackathon Globo

- Used Kinect to produce 3D models of people/objects to be visualized through a homemade holographic display

See more of my projects: Website [gberger.me], GitHub [github.com/gberger], DevPost [devpost.com/gberger]

Achievements

- Fluent English, native Portuguese, and proficient Spanish speaker
- Full Study Abroad Scholarship granted by the Brazilian Government (Science Without Borders)
- Full Scholarship granted by PUC-Rio, for achieving 3rd place (top 0.1%) on the entry exam
- First place at Hackathon Globo with HoloGlobo, winning a 3-day trip to the MIT Media Lab
- Top 5 at Virginia Tech's Hackathon, SendGrid winner at Duke's Hackathon
- Other hackathons participated: Georgia Tech, UC Berkeley, Michigan, UNC