

# Phillip Kuznetsov

First Year EECS Major - Class of 2019

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[philkuz.com](http://philkuz.com)  
[github.com/philkuz](https://github.com/philkuz)

## EDUCATION

### University of California Berkeley — *Electrical Engineering and Computer Science*

AUGUST 2015 - PRESENT

Relevant Courses: EE16A *Designing Information Devices and Systems I*, CS61A *Structure and Interpretation of Computer Programs*, CS94 *Foundations of Datascience*.

## EXPERIENCE

### Evans and Sutherland, Salt Lake City, UT — *Software Engineer Intern*

JUNE 2015 - AUGUST 2015

Worked with the Digistar Digital Theater engineering team which creates astronomy software for use in fulldome theaters. Wrote DirectX shaders and utilities for use with the Digistar software suite.

### DB Tech, Salt Lake City — *Developer*

JUNE 2013 - PRESENT

Project building team consisting of myself and two close friends. Projects ranged from web-development to machine learning. Entered projects in various competitions including Intel ISEF.

## PAST PROJECTS

### Functional Neural Network (2015)— *Novel Machine Learning Algorithm*

Derived a new machine learning algorithm using analysis techniques on an artificial neural network. Uses the idea of functional interpolation to more easily handle continuous input. Board is located on my website. Qualified for Intel ISEF 2015 and received honorable mention from the Association for the Advancement of Artificial Intelligence.

## ON-GOING PROJECTS

### What's Lit— *Crowd sourced event discovery application*

Team development of a mobile and web application used to connect individuals to events in their area. EmberJS frontend, Django backend, and Postgres database. I am currently working on the full-stack.

### BUDAS— *Autonomous driving research group*

Group founded as a subproject of Robotics @ Berkeley. Currently working towards outfitting an RC car with autonomous capabilities. Long term goal of making an autonomous golf cart for use on campus.

Other projects displayed at [github.com/philkuz](https://github.com/philkuz) and [philkuz.com](http://philkuz.com)

## PROGRAMMING LANGUAGES

Python  
Javascript / HTML / CSS  
Java  
C# / C++ / .NET

## TECHNOLOGIES

EmberJS  
AngularJS  
Ruby on Rails  
Django  
DirectX  
Postgres  
Mathematica  
Visual Studio  
Google App Engine  
Heroku

## OPERATING SYSTEMS

OS X  
Linux  
Windows

## LANGUAGES

English (*Native*)  
Russian (*Intermediate*)