Zane Dufour

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I intend to pursue a junior-level software engineering position.

EDUCATION

UC Berkeley,
May 2017

Double Bachelor's – Applied Math and Physics
GPA 3.4

....   ## EXPERIENCE   ....

Ford Motor Company
Analytics Developer
Dearborn, MI
November 2017 -

While working at Ford, I worked to automate steps in my team's model creation process to accelerate the creation of likelihood-to-purchase models. Since then, I have been working on a concept-to-production model development pipeline utilizing Python and Spark to build and deploy models at scale.

Disney Imagineering
Software Imagineer
Glendale, CA
June-September 2017

While at Disney, I developed software used for projection mapping in Disney parks and resorts. I built a continuous integration system for multiple interdependent applications used for diferent parts of the projection mapping pipeline.

Intel Corporation
Design Automation Intern
Santa Clara, CA
February-August 2016

During this six month internship at Intel, I developed manufacturing and design tools for the Silicon Photonics group. I built an Exception-handler and a local database client. During this internship I learned about maintaining a large code base and writing reusable code.

UC Berkeley
UG Research Assistant
Computational Geometry
Summer 2015 - Fall 2016

Scripted a polygonal geometry morpher in the software package Houdini while working under the instruction of Professor Philip Marcus. Was most recently working on surface parameterization.