

Chuck Dries

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Tempe, AZ 85281

CS student with a focus on web & diverse portfolio of side projects

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Education

BS Computer Science at Arizona State University - Graduating: Spring 2019

Barrett, The Honors College

Relevant coursework:

- | | | |
|---------------------------------------|---------------------------------|--|
| - Object-Oriented Programming | - Discrete Math Structures | - Algorithms & Data Structures |
| - Calculus for Engineers I, II, & III | - Applied Linear Algebra | - Engineering Probability & Statistics |
| - Physics I: Mechanics | - Digital Design Fundamentals | - Computing Ethics |
| - Univ. Physics II: Elctrc/Magnet | - Algorithmic Problem Solving | |
| - Programming Languages | - Intro to Software Engineering | |

Skills

Web Programming	HTML5, CSS3, Javascript (Vue, ES2015, Node, Express, JQuery)
Other Programming	Java, C, C# (Unity), C++, Python, Scheme, Bash
Design	Photoshop, InDesign, After Effects, Premiere Pro
Etcetera	Leadership experience, Photography, KVM/LibVirt/QEMU, PFSense, Unix

Work Experience

The State Press <i>August 2016 - Now</i>	<u>Digital Developer (Spring & Fall 2017), Graphics Editor (Fall Semester 2016)</u> <ul style="list-style-type: none">Created the Graphics desk from scratch to meet the needs of a new generation of news mediaDeveloped automated tools to streamline content productionManaged creative projects and the artists involved in themEnsured editorial deadlines were met
Desert Community Robotics <i>March 2013 - July 2016</i>	<u>Teacher</u> <ul style="list-style-type: none">Taught classes in Lego Mindstorms robotics, web design, video production, basic physics and mechanics principlesRan a technology summer camp that included everything listed above and Seaperch underwater robotics

Project Experience

Chat Platform <i>Techbuds Solutions</i>	<ul style="list-style-type: none">Slack clone with custom features for stock tradersFront end Vue.js and Socket.ioBack end Node, Mongo, socket.iorunning on Docker + Kubernetes, load balanced with NginxBuild process so complex I'm proud of myself for setting it up (webpack)
Virtual Keyality <i>Desert Hacks 2017</i>	<ul style="list-style-type: none">VR Typing game in Unity1st place winner at Desert Hacks 2017
Volunteer Management Portal <i>Opportunity Hack 2016</i>	<ul style="list-style-type: none">Tracks time in, time out, total hours, attendance, etc. for volunteers and events.Back end Mongo, Node, ExpressFront end Nunjucks & Bootstrap
Sorting Algorithm Visualizer <i>Personal Project</i>	<ul style="list-style-type: none">Visualizes a variety of sorting algorithmsCustom, performant UI with Two.js

Community Service, Honors, and Awards

First Place	<i>Desert Hacks 2016</i>
Third Place	<i>Opportunity Hack 2016</i>
Eagle Scout	<i>The Boy Scouts of America</i>
The President's Volunteer Service Award	<i>The White House</i> Awarded by the White House for over 200 hours of service given to Phoenix Children's Hospital.