

Chuck Dries

CS Student specializing in web development

701 E. Apache Blvd. #H1096
Tempe, AZ 85281

Education

BS Computer Science at Arizona State University - Graduating: Spring 2019
Barrett, The Honors College & The Ira A. Fulton School of Engineering

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<https://chuckdries.com>

Github: chuckdries

Relevant coursework:

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

Skills

Web	HTML, CSS, Javascript, VueJS
Programming	Javascript, C++, Java, C# with Unity, Python, Scheme, Bash
Design	Photoshop, InDesign, After Effects, Premiere Pro
Etcetera	Leadership experience, KVM/LibVirt/QEMU, ESXi

Work Experience

The State Press <i>August 2016 - Now</i>	<i>Digital Developer (Spring & Fall 2017), Graphics Editor (Fall 2016)</i> <ul style="list-style-type: none">• Created the Graphics desk to meet the needs of a new generation of news media• Managed creative projects and the artists involved in them• Ensured editorial deadlines were met• Developed unique interactive content for high profile stories
Desert Community Robotics <i>March 2013 - July 2016</i>	<i>Teacher</i> <ul style="list-style-type: none">• Taught classes on Lego Mindstorms robotics, video production, basic physics• Ran a technology summer camp that included everything listed above and Seaperch underwater robotics
Starbucks <i>Summer 2016</i>	<i>Barista</i> <ul style="list-style-type: none">• Made coffee and served it to customers

Projects

Medication Tracking Solution <i>Opportunity Hack 2017</i>	<ul style="list-style-type: none">• Allows foster organization Sunshine Acres to track and report medication given to foster children per Department of Child Safety requirements• Two front ends: one for health administrator, one for foster parents• HA client is VueJS web app with Vuex, Vue-router, Typescript, Bootstrap• Parent client is VueJS PWA with Vuex, Materialize• Backend in Node, MySql
Chat Platform <i>Techbuds Solutions</i>	<ul style="list-style-type: none">• Slack clone with custom features for penny stock trading community• Frontend in VueJS with Vue-router and custom centralized state management• Backend Node, Mongo, Socket.io• Runs on Docker+Kubernetes, load balanced behind Nginx
Virtual Keyality <i>Desert Hacks 2017</i>	<ul style="list-style-type: none">• VR Typing Game in Unity• Uses SteamVR API for virtual reality and AWS Lambdas to queue up words
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.• Backend Mongo, Node, Express• Frontend Nunjucks & Bootstrap

Community Service, Honors, and Awards

Eagle Scout	<i>The Boy Scouts of America</i>
Volunteer Service Award	<i>The White House</i> Awarded for over 200 hours of service to Phoenix Children's Hospital.
First Place	<i>Desert Hacks 2017</i>
First Place	<i>Opportunity Hack 2017</i>
Third Place	<i>Opportunity Hack 2016</i>