

Chuck Dries

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

Education

BS Informatics at Arizona State University - Graduating: Spring 2019
(Informatics is like **Computer Science** but with more flexibility in electives)
Barrett, The Honors College & The Ira A. Fulton School of Engineering

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Github: chuckdries

Relevant coursework:

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

Work Experience

Axosoft <i>January 2018 - Now</i>	<i>Software Development Intern</i> <ul style="list-style-type: none">• Worked on Gitkraken Glo - an issue tracker akin to Trello• Contributed to front and back end regularly• Front end in React• Back end in Node with Mongo, Socket.io, Apache Kafka
The State Press <i>August 2016 - December 2017</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• Coded and tested new Twig themes for our content management system• 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

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>