

# Jonathan Cahal

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## INTRODUCTION

IT Professional with over 10 years of experience implementing and maintaining multi-site infrastructures. Possess a Bachelor of Science in Computer Systems Engineering and expertise in multiple programming languages and technology platforms.

## WORK EXPERIENCE

### **Champion Schools**

*IT Director, Phoenix AZ, 2012 - Present*

- Coordinated technology grant applications which provided over \$1.1 Million in funding.
- Developed & maintained vendor relationships which allowed for quick and cost effective acquisition of new equipment and services.
- Distributed & managed over 3,000 network/user devices and multiple software platforms which connected students and teachers across 3 campuses to required curriculum.
- Streamlined issue reporting which decreased resolution times and issue drop rates.

### **ABC Phonetic Reading School**

*Regional Coordinator, Phoenix AZ, 2011 – 2012*

- Coordinated print/digital ad campaigns and door-to-door canvassing which increased the enrollment of new students.
- Engaged & educated new families about the No Child Left Behind program and our services which created new leads and enrollments.
- Supported students and tutors with schedules and materials which enabled students to receive services.

## PROJECTS

### **NASA Space Grant, Ascend Project**

*Firmware Engineer, Phoenix AZ, 2015 -2016*

- Designed & developed high altitude balloon sensory, recording and communications firmware systems which aimed to collect the most data points in the history of the program.
- Performed post flight data analysis which produced models and simulations of information collected.

### **StreetCard Homeless Resources**

*Software Engineer, Albany NY, 2020 – 2021*

- Designed a new tier of services which will allow clients to quickly share medical history with health care providers.
- Adapted previous service tier which will allow collection and storage of new data from new services.

## EDUCATION

### **Bachelor's of Science in Computer Systems Engineering**

*Arizona State University, Tempe AZ, 2021*

*Magna Cum Laude*

**Relevant Coursework:** Data Structures, Algorithms, Embedded Linux.

## OTHER

- **Soft Skills:** Problem Solving, Collaboration, Communication, Strong Work Ethic, Time Management, Critical Thinking, Self Motivation
- **Technical Skills:** C/C++, Java, JavaScript, HTML / CSS, Arduino, Embedded Linux, Networking, Git, NodeJS, ReactJS, VueJS, MongoDB
- **Software:** Microsoft Office, Google Workspace, VSCode