

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