

Patrick White

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Education

Arizona State University

Bachelor of Science in Computer Science

May 2023

Technical Skills

Languages: Java, C++, C#, Python, R, Javascript, Typescript, HTML, CSS, RISC

Tools: postgresSQL, MongoDB, MatLab, Visual Studio Suite, Postman

Frameworks: .NET, React, NextJS, Jest, NodeJS

Dev Techniques: Agile, OOP, RESTful APIs, Unit/Integration Tests, Advanced Algorithms / Data Structures

Work Experience

IT Student Worker IV

Arizona State University

August 2020 – Present

- Primary contact for linux support for research staff and faculty
- Ubuntu server and desktop configuration, AWX remote configuration deployment
- Desktop support involving Microsoft Office Suite, SCCM, Apple products, ect.

ACE Home Services IT Manager

ACE Home Services

March 2019 – August 2020

- Managed IT infrastructure including on site server hosting, technician device management, outbound call center, and basic desktop support
- Configured backup systems involving on-site and off-site UPS powered NAS

Projects

Airbnb Clone SideProject | React, Typescript, NextJS, MongoDB

- Website clone, property reserving / upload system. Property search and category system. CRUD operations on all properties via MongoDB.
- User creation via email / github auth / google auth, saved credentials via MongoDB.
- <https://property-renter-sideproject.vercel.app/>

HopeLand System Capstone Project | JavaScript, ExpressJS, MongoDB, Docker, Taiga

- Responsible for implementing and testing backend API and RESTful API calls
- CRUD operations on MongoDB data, connected to bootstrap frontend
- NodeJS server spun up in Docker instance

Distributed Systems API development | C#, .NET, XML, JSON, SOAP

- Develop microservices using SOAP and JSON for distributed systems course
- ASP.NET frontend for visualizing microservice application