

Jonathan D. Wise  
San Antonio, TX

## Work Experience

### **GRADUATE DESIGNER**

**Fincher Engineering** – Lubbock, TX  
March 2020 – October 2020

I created AutoCAD electrical schematics for commercial and residential MEP construction projects. I gathered electrical device information and location for demolition and remodeling projects. I calculated luminescence, loads, breakers, cables, and other data per project specifications. I designed: power, fire protection, and lighting plans; panel and light fixture schedules; riser diagrams; electrical details and specifications pages. I communicated with architects, equipment manufacturers, mechanical engineers, and other personal to complete MEP projects in unison. I referenced NEC, IECC, and other compliance material regularly, and I completed compliance checks for multiple projects.

### **FIELD ENGINEER**

**AMPSAFE** – San Antonio, TX  
January 2019 – January 2020

I collected electrical power system data and ran studies for oil & gas - trucking & pipeline stations. I built single line diagrams utilizing the SKM Power\*Tools software. I conducted protection, coordination, mitigation, load flow, short circuit, and arc flash analysis. I recommended safety and efficiency design improvements. I drafted and finalized reports on power systems studies. I was solely responsible for all facets of travel and client communications on data collection and labeling trips across the country. I wore appropriate fire rated personal protective equipment and followed proper safety practices. Off the clock, I created documentation to establish step by step procedures for SKM data entry operations for multiple electrical devices.

### **Partner**

**HEB** – San Antonio, TX - McAllen, TX  
June 2015 – January 2019

I worked in Healthy Living, Central Check Out, Bakery, and Beer and Wine. I was promoted multiple times, and I took on many responsibilities. I always made the customer feel welcome and assisted with any and all concerns promptly.

## Strengths Finder

RESTORATIVE – CONTEXT – ADAPTABILITY – COMMUNICATION – DEVELOPER

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## Education

### **Bachelor of Science in Electrical Engineering**

The University of Texas Rio Grande Valley – Edinburg, TX  
May 2017 – 3.0 Major GPA

I successfully ran for Student Government and became a Senator for the College of Engineering. As a Senator, I guided study abroad funds to protect student interests. I moderated UTRGV Science Bowl 2017. I educated students in the fundamentals of micro-electronic circuit prototyping as a member of IEEE. I raised funds for UTRGV Chess Club and moderated tournament matches.

### **Texas Military Academy - JROTC - May 2007 – San Antonio, TX**

In two years I obtained the rank of Staff Sergeant, became the Rifle Team Co-Captain, won Best Drilled Platoon as a Squad Leader, was Platoon Sergeant of the Best Drilled Platoon Runner Up, and ranked high in the Cadet Challenge Athletic Competition.

### **Extracurriculars**

I programmed part of the San Antonio College's Hydroponics Association's autonomous robotic FarmBot. I consulted the San Antonio radio station KSYM on video media expectations. I aided in assembly of SAC motor-sport electrical system project.

## Certification & Achievements

### **Amateur Radio License - Call Sign: KI5AOU - June 2018 – June 2028**

Legally allowed to operate a radio station under Technician Class privileges.

### **ASVAB – Military Skills Test Entrance Exam - September 2014**

Achieved a score of 99. Qualified for all positions in every military branch.

### **EIT # 70536 - July 2020 - July 2028**

Certified Engineer in Training.

## Skills

Technically Inclined, Physically Fit, Beginner Spanish Reading and Writing.  
Python, Bash, Git, GnuPG, Wordpress, MS Excel, Word, and PowerPoint.  
Data Collection, AutoCAD Electrical, SKM Power\*Tools  
Github.com/hanoldbuddy - jonathanwise.com  
linkedin.com/in/jonathan-wise-35117119b/  
Windows, Mac, and Linux OS's.