

David Durkee

1313 Sundrop Cove

Round Rock, Texas 78665

512-423-2202 – Cell phone

AD5JO@yahoo.com

Bootcamp at University of Texas, Austin - <https://github.com/the-Coding-Boot-Camp-at-UT>

Free Code Camp - <https://www.freecodecamp.com/ad5jo>

LinkedIn - <https://www.linkedin.com/profile/view?id=32609959&trk=hp-identity-name>

GitHub - <https://github.com/ad5jo>

Bit Bucket - <https://bitbucket.org/ddurkee0>

I'm applying for the position of Mixed-Signal Validation Engineer.

Many years of engineering discipline and software development experience, will allow me to quickly find my place. I will be a worthy addition to your team.

My love for electronics and programming will quickly show my genuine enthusiasm. Ambition and desire drive me to do my best.

Qualifications for Senior Software Engineer

15+ Years Professional Experience Developing Code and Debugging, Primarily Automated Testing

10+ Years Experience Providing Excellent Customer Support in the Internet and Semiconductor Industry

10+ Years Electronics Design – Audio, Radio Frequency and Factory Automation

10+ Years Test Plan Development, Data Collection and Reporting, Mixed Signal Characterization

Languages

6 Months, JavaScript (HTML, CSS etc.)

1 Years Assembly for PIC Microcontrollers

3 Years, most recent full-time, Python 2.7

2 Years, my current work project, C#

10+ Years C++ and C

9+ Years Visual Basic 6.0

Special Career Emphases

Automated Characterization of Electronic Equipment and Mixed Signal Semiconductors

User's Interfaces Design

Scripting Engine Development

Relevant Skills

Excellent Technical Report Communication and Documentation of Source Code/ API

Team Player/ Team Builder, Motivated Mentor, Dedicated

Learning new skills to add value to my work projects is important to me

20+ Years Amateur Radio Extra License – AD5JO

9 Years Experience using Micro soft Visual Studio

3 Years using GIT for Code Revision Control

4 Years Developing AVR Microcontroller code using Code Vision AVR Compiler

3 Years Developing Code for Arduino Mega2560 professionally

2 Years Experience using Red Hat Linux and Administrating SCO Linux (1999- 2001)

Career History

Electrical Engineer II, Software Developer

April 2009 – Present

Odyssey Technical Solutions, Round Rock, TX <http://www.odysseyrf.com/>

Solely designed 95% Electronics (develop, schematic and layout) for Data Acquisition, Developed all Software for Automation and User's Interface. Scripting engine with my own language unique to business tasks

Certification/Test Engineer – QA Department

December 2007 – April 2009

Enflite, Georgetown, TX <http://www.enflite.com/>

Wrote and Performed Test Plans, Developed EMI Automated Test software for DO-160 Standard

Test Engineer

October 2006 – November 2007

Kodiak Assembly Solutions LLLP, Austin, TX <http://www.kodiakasembly.com/>

Developed Test Plans, Mentored Technicians, Debug Software, Troubleshoot production, Failure Analysis

Design Engineer

April 2006 – December 2006

Integrated Device Technologies, Austin, TX

Wrote Automated Test Suite, Tech Support, Applications Engineering, Mixed Signal Characterization

Principal Engineer- PC Audio Applications

January 2001 – April 2006

SigmaTel Inc, Austin, TX <https://en.wikipedia.org/wiki/SigmaTel>

Senior Engineering Technician: Tech Support, Applications Engineering, **Mixed Signal Characterization**

Promoted to Principle Engineer – Middle of 2001 (This Company no longer exists)

Specialist- United States Army

April 1996 – April 2000

Personnel Actions Clerk HHB 2-82 FA, 1CD, Fort Hood, TX 76544

Battalion Head Quarters, S1 and S3 -Maintained and Processed, Awards, Legal, NCO Evaluations and Personal Actions (promotions) records for a Battalion of over 1000 soldiers

Cannon Crew Member/ Driver – Entered as MOS 13B, Worked in the Training rooms of Service Battery and Headquarter Battery, and Battalion Head Quarters

Process Electronics Technician- D Shift, Auto-Insert Machines

February 1995 – February 1996

Motorola Lighting, Inc, Buffalo Grove, Illinois 60090

Provided Repair and Preventative Maintenance in support of 24/7 Automated Production Line

Engineering Technician- Started at the bottom and worked up

December 1999 – February 1995

Electronic Technologies International Inc, Fort Atkinson, Wisconsin <http://www.etimfg.com/contact.asp>

Support Manufacturing/ Production, Head of Calibration Laboratory, Developed Processes, Improve SPC

References

Odyssey Technical Solutions, Senior RF Engineer, Michael Pendley Sr 512-826-8084

Tempo Semiconductor, President – Gozie Ifesina 512-731-3488

Integrated Device Technologies, Director – Ajay Kanji 512-659-7267

Flex Radio Systems, Senior Software Developer – Eric Wachsmann 512-535-4713 (eric@flexradio.com)

Flex Radio Systems, President – Gerald Youngblood 512-535-4713 x202 (Gerald@flex-radio.co)

Enflite Inc, QA Manager/Retired – Ken Arnold, 512-940-5778

Enflite Inc, Sales – Jeff George, Tim Gundersen 512-868-3399

Kodiak Assembly Solutions, President – John Kampfner 512-275-1700

SigmaTel/ Freescale, Director – Len DiSanza 512-381-3723

SigmaTel, Senior Electrical Engineer – Mike Doyle sdmadman@comcast.net

United States Army – DD-214 available, Honorable ETS

Education

Coding Bootcamp at the University of Texas at Austin – October 2016 –April 2017

<https://www.codingbootcamputaustin.com>

FreeCode Camp – Full Stack Web development

Concordia College BSEE 2001 – Power Control Engineering

Austin Community College 2015, 2003 – Mathematics Refresher Course, Computer Programming C++

Madison Area Technical College – 1998 – 1994 Electronics Applied Science- Radio Communication

Wyoming Technical Institute 1989 – Automotive Technology

Fort Atkinson Senior High School 1988 – Electronics, Metal Shop and Automotive Repair