

# Michael M. Skeen

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## SUMMARY

[Full Stack Web Developer](#) with a master's and nearly a decade of experience in software and electrical engineering at top companies in the industry and demonstrated ability to lead, adapt and grow skills.

## PROFESSIONAL SKILLS

- *Front-end Web:* JavaScript, HTML, CSS, EJS, jQuery, Bootstrap, React
- *Back-end Web:* JavaScript, Node.JS, Express.JS, MongoDB, SQLite, REST APIs
- *Other Software:* C# .NET, Java, C++, C, Python, Xamarin, XML, Linux, Agile
- *Languages:* Advanced: Modern Greek and Arabic (standard & Egyptian); Some: Spanish

## EDUCATION & HONORS

**Certificate of Completion in Full-Stack Web Development**, Helio Training – August 2019

**Partial B.S. in Computer Science**, Utah Valley University, 3.94 GPA – 2015 - 2018

- 46 credits in software and electronics

**Master of Electrical Engineering**, North Carolina State University, 3.64 GPA – May 2008

- Awarded Dean's Fellowship
- Awarded 2-year teaching assistantship

**B.S. w/ Honors in Physics**, Brigham Young University, 3.8 GPA [3.94 last two years] – 2005

- Minors in Arabic and Math
- Four-year Heritage Scholar
- 2003 Summer AAPM Fellow in medical physics - 8 selected nationwide

**Valedictorian**, Albemarle High School, Charlottesville, VA, 4.00 GPA

- 1590 (99<sup>th</sup> percentile) on SAT
- Eagle Scout, Boy Scouts of America

## EXPERIENCE

**Lead Software/Electrical Engineer**, Mechanized Concepts – Lindon, UT – 2018

- Designed software/electrical systems for industrial automation, e.g. Arduino-based filter

**Software Developer / Team Lead**, Legrand –Pleasant Grove, Utah – 2014 - 2018

- 1 ½ years: led 3-7 person 'driver team' for home automation system devices
- 1 year: on mobile apps for IOT devices teams (store: Qmotion QzHub & Sensor Configuration)
- Led IOT API revision involving multiple teams/companies for new multi-million dollar product

**Hardware CPU Circuit Engineer**, IBM –Raleigh, NC – 2008 – 2013

- High performance custom digital integrated circuit designer on the team that developed CPU chips for all three leading gaming platforms (Sony, PlayStation, Nintendo)
- Developed/improved Perl, SKILL, TCL, & KSH scripts to automate design tasks
- Awarded "Inventor's Plateau" for filing four patents

**Teaching Assistant**, Physics and Engineering at BYU (2003 – 2004) and NCSU (2006-2008)

- Noted by students and teachers as "best TA in the lab"