

David A. Hasan

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<https://augerhandle.github.io/portfolio>

I am an engineer and software developer making a transition to teaching. I have a solid, hands-on understanding of mathematics and physics, years of aerospace engineering and software development experience, some teaching experience, and stories that will help make math real for my students.

Education and Certifications

- **Region 13 Educational Service Center** — Austin, TX
 - Intern Certificate: May, 2018
 - Projected Completion Date: May, 2019
- **TEA Texas Educator Certification** — Austin, TX
 - Test 243 Physics/Math 7–12 — passed: May, 2018
- **The University of Texas** — Austin, TX
 - PhD candidate: Aerospace Engineering — all but dissertation, 1992
 - MS: Aerospace Engineering, 1988
- **The University of Illinois** — Urbana, IL
 - BS: Aeronautical and Astronautical Engineering — graduated with *highest honors*, 1982
 - AB: Political Science — graduated *magna cum laude*, 1982

Teaching Experience

- Roth
- student teaching
- ABC mentoring
- ACC
- PVAM

Previous Employment

- **The Advisory Board Company**—Austin, TX (2012–2018)
 - Architect — Led system engineering for an enterprise analytics platform.
 - Development Manager — Led a big data software team.

- Principal Software Engineer — Designed and built health care software.
- **L-3 Stratis**—Houston, TX (2006–2012)
 - Model and Simulation Architect — Led systems engineering for a multi-team/multi-vendor spacecraft training simulator.
- **Sun Microsystems**—Austin, TX (2003–2006)
 - Software Development Team Lead — Led small, distributed teams building cloud and reliability automation tools.
- **Titan Systems Corporation**—Houston, TX (2001–2003)
 - Systems Engineer — Designed and built software for GPS-based autonomous navigation and grid computing.
- **The Adrenaline Group**—Austin, TX (2000–2001)
 - Lead Software Developer — Technical lead of the small Austin software development team.
- **LinCom Corporation**—Houston, TX (1993–2000)
 - Senior Engineer — Led a team of software developers applying new software technologies into the NASA Mission Control Center. Designed and built real-time systems. Provided project management support to NASA.

Achievements and Activities

- ΦBK – liberal arts honorary, 1982
- ΣTT – aerospace honorary, 1983
- ISP awards
- NASA Research Fellowship, 1992
- Advisory Board Company Mentor of the Year, 2015
- Neighborhood Plan xxxxxxxx

References

- Eric Roth — xxx
- Kyle McVay — xxx
- Ranga
- Harish Raja — xxx