Austin T. Gill

CONTACT INFORMATION

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MAILING ADDRESS

Austin Gill

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EDUCATION

- **South Dakota School of Mines and Technology**, Rapid City, SD
  B.S. Applied and Computational Mathematics. Minor: Computer Science
  Dean's List (GPA: 4.0)
  Degree expected: May 2018

- **Aims Community College**, Greeley, CO
  A.S. Liberal Arts, May 2015
  President's List (GPA: 4.0)
  Distinguished Scholar Award

EXPERIENCE

Supplemental Instructor	SD School of Mines & Technology, Dept. of Math and Computer Science	August 2016 - Present

Tutored and prepared Calculus II students for exams by hosting supplemental sessions and office hours. Certified students to retake gateway exams.

Work Study Technician	SD School of Mines & Technology, Information Technology Services	September 2015 - Present

Refurbished returned Fujitsu tablets. Diagnosed, cleaned, and repaired tablet hardware.

Repair Technician	Gill Repair Eaton, CO	January 2010 - July 2015

Prepared machines for service, diagnostics, and tear down. Disassembled and repaired various tractor components and systems.

PROJECTS

- Competed with the SDSMT Robotics Team at the 2016 IEEE Region 5 robotics competition.
  - Collaboratively developed software and hardware in a time sensitive and interdisciplinary team environment.
  - Wrote the serial communications interface, as well as locomotion control software.
  - github.com/sdsmt-robotics/IEEE-2016
- Notgnoshi.github.io
  - Static blog on topics in mathematics, software development, and other areas of interest.
  - Developed with Jekyll, using customized layouts and markup.

SKILLS

- Experience programming in Python, C, and C++. Familiar with Java, Julia, Shell scripting, and Makefiles.
- Experience teaching various mathematics, Python, and Linux topics in both formal presentations and one-on-one tutoring.
- Developed robotics control and communications interface software in a Linux environment.
- Experience creating technical documents with LaTeX.

ACTIVITIES

- Vice President of SDSMT Robotics Team
- Vice President of SDSMT Mathematics Club
- Member of SDSMT Association of Computing Machinery