Noah E. Wolfe

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Research/Projects

- **Custom-Built Wide Band Radio Telescope**   https://goo.gl/R1gKfy
  Complete   *March 2017 - August 2017*
  Prototyped a small (0.5 m) radio telescope, using a unique combination of cutting-edge software defined radio equipment and a repurposed satellite TV dish, attempting to detect electromagnetic phenomena (whistlers) in Jupiter's magnetosphere.

- **Meeting Magic**   https://github.com/thezenth/Meeting-Magic
  Complete   *February 2016 - June 2016*
  Created a Node.js powered app which plans meetings for multiple users based upon "big data," such as local traffic and weather, as well as personal data such as each user's scheduled trips or food preferences. This application was awarded the highest honors in the high school division of the ISS Inaugural Coding Competition.

- **Open Star Cluster Simulation**   https://github.com/thezenth/Cluster-Collision
  Ongoing   *June 2015 - Present*
  Designed and built a simulation application, written in Python and using the AMUSE framework. This was a simulation of open star clusters, based upon a Plummer model and Salpeter mass distribution, demonstrating and exploring the link between open cluster collisions and the emergence of Blue Straggler Stars, such as in R136.

Education

- **Somewhere State University**   **Somewhere, SM**
  College of Engineering, B.S. Computer Science   *1995 – 1999*

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  - Mirum est notare quam littera gothica, quam nunc putamus parum claram.

Skills

Technical: Python (Advanced), C and C++(Fundamental), Java (Intermediate), JavaScript (Advanced), LaTeX (Intermediate), PostgreSQL (Intermediate), general Unix proficiency

Languages: English (native), Gujarati (Fundamental), Spanish (Fundamental)