
FIRST

Deep Run 1086 Blue Cheese
2998 Tee Jay Vikings



Thomas Jefferson High School Robotics
***FIRST* Team 2998 Tee Jay Vikings**

Deep Run High School Robotics
***FIRST* Team 1086 Blue Cheese**



Background - FIRST

- Dedicated to inspiring k-12 kids in STEM affected over 250,000 kids
- 87% studying or working in STEM related fields
- 94% graduate high school



FIRST Locally

- Number of FTC/FRC teams – 162
- High schools in VA – 339
- Elementary & Middle schools in VA – 1513
- Less than 30% have FLL teams



My Team – Blue Cheese

- Founded in 2002
- 45-50 students, 33% minorities, 33% female
- Problems faced each year

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The Problem

- 45% of VA's labor market
- 29,000 unfilled IT jobs in VA
- 3,268 students graduated in IT in 2013-2014
- Expected to rise to 70,000 unfilled jobs
- VA granting more H-1B Visas from 11,392 in 2012 to 13,113 in 2013



How FIRST Helps

- Confident, skilled young adults
- Communication skills
- Teamwork skills
- Engineers, mathematicians, computer scientists are products of the program



My Team – Tee Jay Vikings

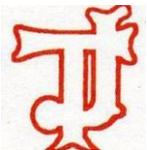
- Founded in 2009
- Approximately 20 students
- Challenges we face

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What You Can Do

- Grants to teams in schools in underserved and underrepresented areas
- Teacher stipends for coaching school teams



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