SAMARTH GOWDA

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EDUCATION

Carnegie Mellon University   Sept 2018 - May 2022
- **Education:** B.S. Statistics and Machine Learning, Minor in Computer Science, Minor in Business Administration
- **Relevant Coursework:** Algorithms & Data Structures, Machine Learning, Natural Language Processing, Computer Systems, Imperative Computation, Probability Theory, Data Science Methods, Modern Data Management
- **Honors:** Innovation Scholar, Swartz Center for Entrepreneurship Advisory Council

Harriton High School of Lower Merion   Sept 2014 - May 2018
- Varsity Tennis, Technology Student Association, Leukemia & Lymphoma Society, Franklin Institute STEM Presenter

SKILLS

- Full-stack development in NodeJS, Python, MySQL, Javascript, React, Redux, HTML/CSS, Git, Google Cloud.
- Data Analysis and Visualization in Python, R, SQL.
- Experience designing, coordinating, and building APIs, database systems, and front-end applications in an agile environment and delivering applications in Saas architecture.

PROFESSIONAL EXPERIENCE

Co-Founder & Software Engineer, Pralent   Sept 2019 - Present
- Pralent.com, an all-in-one solution for organizations to operate successful virtual competitions. Conceptualized, built, and launched the challenge management platform. Over 200,000 lines of code written.
- Designing and developing the product on the Google Cloud, using Express APIs, React front-end, and MySQL. Directing product and development efforts, and prioritizing customer requirements.
- Continuously driving customer acquisition through marketing related efforts for universities and organizations. Competitions on Pralent are projected to award over $350,000 in prizes.

Web Development Intern, Claros Analytics   May 2019 - Sept 2019
- Worked with development and sales teams to design, develop, and launch a robust customer support client portal for enterprise clients.
- Leveraged knowledge in Full-Stack and WordPress development, Javascript, HTML/CSS.

Computer Science Instructor, Juni Learning   Dec 2018 - Sep 2019
- Taught students fundamentals of computer science and programming and was one of the top Python instructors.
- Selected to teach trial classes for new students, ultimately converting leads into sales.

President, CMU Undergraduate Entrepreneurship Association   Sept 2018 - Present
- Leading a team of board members to orchestrate premier entrepreneurship programs for all CMU students.
- Over the last 2 years, coordinated the distribution of over $40,000 in funding to undergraduate student founders.

PROJECTS - Link to more projects

TennisInsights
- Developed application in Python to provide real-time in-match analytics and recommendations to tennis players using Monte Carlo simulations.
- Integrated with Google+ API to authenticate and store user information between matches.

LinkedIn Bot
- Designed and built a bot for LinkedIn to strategically identify relevant students to drive user engagement towards pralent.com. Increased user signups to the platform by over 300%.

CampusSelect
- Led the development of the web tool that provides a platform for high school students to connect with current undergraduate students through video chat to ask questions about the college process.
- Secured 2nd Place at National Diamond Challenge Pitch Competition.