

PHD Researcher

ROBERT SMITH

Phone: (123) 456 78 99
Email: info@qwikresume.com
Website: www.qwikresume.com
LinkedIn:
[linkedin.com/qwikresume](https://www.linkedin.com/qwikresume)
Address: 1737 Marshville Road,
Alabama.

Objective

Seeking a challenging Ph.D. Researcher position in CFD and advanced combustion technology in an industrial or corporate environment, offering extensive research and development opportunities in exchange for sincere dedication, consistent productivity, and scrupulous integrity.

Skills

CFD, Analysis, Analysis, Linux.

Work Experience

PHD Researcher

ABC Corporation - 2015 - 2015

- Conducted several experimental measurements to validate the theoretical predictions.
- Used the Computational Fluid Dynamics (CFD) code FLUENT extensively in research to predict the parametric effects of gas-turbine burner design.
- Works involved extensive 3-D flow-field computations with physical sub-modeling of thermal and prompt NOX and soot formation.
- Introduced some modifications on FLUENT source code to include my own implementation of the Probability Density Function (pdf) and Monte Carlo simulation of turbulent combustion.
- Studied parasitology, insect molecular genetics, and integrated pest management Conducted biodiversity surveys on insects.
- Research involved work on the biodiversity of flies and insect ecology.
- Surveyed and identified insect species in the field and conducted molecular genetic research.

PHD Researcher

Delta Corporation - 2011 - 2015

- Designed two new laser crystals and successful grown by Czochralski (CZ) method.
- Conducted the Rietveld refinement and obtained the crystalline structural information.
- Assessed and evaluated crystalline quality and the spectrum performance for prediction of infrared microchip lasers based on experimental .
- GSU is one of the Southeast's major public research institutions and ranked an R1 Research University by the Carnegie Classification TM.
- Was selected for the Educational Psychology Ph.D.
- program to conduct empirical research and become an expert in applying psychological science to address questions about learning and behavioral change.
- Collaborated on 4 research projects funded by The Institute of Education Sciences (IES) totaling over \$6 million that increased literacy skills for .

Education

MS