

Kiyan Ahmadizadeh

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Objective

To obtain a position executing and supporting projects utilizing novel techniques in Computer Science to build systems and applications that address complex problems. To use past experience in application programming, systems, modeling, cloud computing and optimization in this position.

Education

Cornell University (Ithaca, NY)

2006-2010

Obtained a *Master's of Science* in Computer Science (cumulative GPA 3.53). Conducted research in the areas of optimization (focusing on stochastic problems) and agent-based simulation (focusing on sustainability applications). Provided support to other research projects utilizing cloud computing.

The Pennsylvania State University (University Park, PA)

2002-2006

Obtained a *Bachelor's Degree with Honors* in Computer Science (cumulative GPA 3.91).

Experience

Cornell University (Ithaca, NY)

January 2011-May 2011

Research Assistant. Conducted and supported research under the *Institute for Computational Sustainability* focusing on agent-based simulation and optimization. Provided technical support in cloud computing to other research projects. Performed administrative tasks in support of the institute.

IBM Corporation (Poughkeepsie, NY)

Summers 2004-2006

Pre-Professional Programmer. Designed system and database applications used by other professionals in the Level 2 Service Supervisor Component to diagnose and resolve code-level errors encountered by clients using custom applications.

The Schreyer Honors College (University Park, PA)

2003-2004

Information Technology Assistant (part-time). Maintained on-site systems for college faculty and staff, as well as the college's web servers. Designed web and database applications used by faculty, staff, and students.


Northampton Community College (Bethlehem, PA)

1999-2003

Computer Assistant (part-time). Provided hardware and software support for college faculty and staff. Performed hardware installation for campus computer labs and campus network.

Bibliography

Kiyan Ahmadizadeh, Bistra N. Dilkina, Carla P. Gomes, Ashish Sabharwal. *An Empirical Study of Optimization for Maximizing Diffusion in Networks*. CP 2010.



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Alexander Gutfraind, Kiyan Ahmadizadeh. *Markovian Network Interdiction and the Four Color Theorem*. CoRR 2009.

Boniface Hicks, Kiyan Ahmadizadeh, Patrick Drew McDaniel. *From Languages to Systems: Understanding Practical Application Development in Security-typed Languages*. ACSAC 2006.