ANDREW KING

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══ EDUCATION ══

UNIVERSITY OF GEORGIA - 3.9 GPA   Athens, GA
Artificial Intelligence

Pursuing a master's degree in Artificial Intelligence. Taken courses in subjects including machine learning, computer vision, and deep learning. Have experience with many machine learning libraries and applications such as Scikit-learn, Weka, and Apache Spark's MLlib. Research interests include deep learning and computer vision. Will graduate in spring of 2018.

SOUTHERN VIRGINIA UNIVERSITY - 3.87 GPA   Buena Vista, VA
Computer Science, Business Management

Completed a bachelor's degree with majors in both computer science and business management. Graduated with 162 credits in June 2016. Maintained a computer science major GPA of 4.0. Served as president and founder of the Southern Virginia University Robotics Club and as the chair of the Southern Virginia University ACM student chapter.

══ EXPERIENCE ══

UNIVERSITY OF GEORGIA   Athens, GA
Graduate Research Assistant – Lead Programmer   2016 - Present

- Working as lead programmer for the Games and Virtual Environments Lab. Using computer vision techniques to develop virtual environments for research projects in medicine, advertising, and psychology.

SOUTHERN VIRGINIA UNIVERSITY   Buena Vista, VA
Lead Web Developer   2013 - 2016

- Developed a new, fully-responsive website for Southern Virginia University in an open-source content management system. Managed the design and implementation of the site, substantially decreasing development costs and saving the university thousands in yearly licensing and maintenance fees.
- Mobile traffic increased from 29% to over 50% of all traffic under the new, responsive site, a sign of a strong user experience for mobile users.
- Assisted in growing a robust intern program, managing and training new web development interns to sustain in-house development.

Communications Assistant   2012 - 2013

- Managed all content on the Southern Virginia University website and made regular changes to keep the site up to date.

CITYMAC APPLE STORE   Bellingham, WA
Apple Product Professional   2011

- Conducted hardware and software repairs on Apple products as a technician and support professional.

══ PROFICIENCIES ══   ══ RESEARCH INTERESTS ══

Java	Apache Spark's MLlib
Python	Scikit-learn
C	OpenCV
PHP	Scikit-image
HTML/CSS/JS	TensorFlow

Deep Learning - Implemented deep neural networks in Python and studied convolutional neural networks in the context of computer vision.

Neuroevolution - Interested in novel applications of genetic algorithms to evolve neural networks. Has experience using and implementing the NEAT algorithm for neuroevolution.