Robert Goodeve

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Profile: Scientific Computing Graduate with strong relevant work experience, looking to prove myself in a compelling workplace with a vibrant culture. Personal background in scripting, graphics, and data visualization. Currently pursuing AWS certifications.

Skills:

- Primary Languages: Python (2.7, Tensorflow), Matlab/Octave, Javascript (WebGL)
- Secondary Languages: Fortran90, C++ (OpenGL, VTK), Java (Jung, Android), R
- Scripting: Bash, Powershell, JPython
- Platforms: Linux (Red-hat, Ubuntu), Mac (Yosemite, Mavericks), Windows (10, 7, XP, 8)
- Tools: AWS, ElasticSearch, VisualStudio, WiX, GNUplot, VMware, OpenVPN, JetBrains IDEs
- Methodologies: OOP, Design Patterns, Extended Support, AGILE

Experience:

Mad Mobile [mobile development, e-commerce, enterprise software] — Tampa, FL
Development Support Intern — May 2016 – October 2016

- Successfully managed transition to AWS, meet PCI/SOX compliance, and contribute to enterprise-level software.
- Configured and administrated Elasticsearch, OSSEC, and AWS.
- Wrote installation script for Windows enterprise-software.
- Worked closely with a remote-team in Argentina.
- Developed emergency situation documentation.
- Hosted instructional sessions on Elasticsearch and AWS for co-workers.
- Collaborated with Rackspace and Talbots as an individual problem solver.

FSU Department of Scientific Computing — Tallahassee, FL
Aide — February 2017 – Current

- Aide to the employees and Professors of the department. Manned a booth at 2 expos and participated in HackFSU 2017. Managed undergraduate Slack page. Student Ambassador for the Major.

Education:

- Florida State University:
  Graduating with a Bachelor of Science at FSU in Scientific Computing (programming for science and mathematics problems). Awarded several scholarships and grants.

Relevant Coursework:

- Example classwork: K-means clustering (Matlab), Stock-trading system (Python), N-body simulation (Python/Fortran), Snowfall prediction (Fortran), Groundwater plume generation (Matlab), Runge-Kutta ODE solver (Python), Mathematic visualization (Matlab/Fortran), and Statistical analysis (R)
- Mathematics: Calc 1&2, Linear Algebra, Intro to Statistics, Advanced Statistics, and Discrete Computational Methods
- Computing: Intro to Scientific computing, Programming for Science Applications, Data Visualization, Programming for Graphics, and Algorithms 1&2
- Sciences: Biology, Physics 1&2, Programming for Space Physics

Miscellaneous:

- Presented at a departmental seminar on programming for text interpretation in fiction with TensorFlow, what are the struggles and why.
- Strong DIY ethic, try to keep my old hardware kicking as long as possible, maintain my own VPN/Samba server for documents and media, always have a project going on at home.
- Passionate about personal data security, both politically and casually.
- Achieved the Citizenship in the Nation badge as a boy scout.
- Owner of the highest benchmark on an overclocked AMD A10-5800k on userbenchmark.com