

Drake E. Knapper

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SUMMARY

Looking for a full time entry-level position in a technical oriented job that will allow me to leverage my analytical skills and research experience for mutual success. I strive to be part of a growing team that provides me with the opportunity to grow personally and professionally.

EDUCATION

Georgia State University

Bachelor of Science, Physics

Atlanta, GA

December 2015

- President's list (one semester)
- Dean's list (four semesters)
- Georgia State Honors College University Assistantship (one semester)

Senior Research Project, Modular Organization of Networks:

- Researched in the lab of Dr. Shilnikov
- Write research paper describing results, as well as present results to peers in similar programs

RELATED EXPERIENCE

Georgia State University

Student Researcher/ Neuroscience – Dr. Shilnikov

Atlanta, GA

January 2014 – Present

- Two-time nominee Brains and Behavior Undergraduate Summer Scholar
- Present research at poster sessions with other scholars
- Write research papers for submission to peer-reviewed journals
- Conducted research in the combined field of mathematical neuroscience modeling circuits of neurons and studying their dynamics
- Collaborated on analyzing stability and bifurcations in the dynamics of the circuits using computer tools we developed along with mathematical models
- Maintaining and troubleshooting multiple Linux systems

WORK EXPERIENCE

Dominos Pizza – Cowabunga Enterprises

Delivery Expert

Fayetteville, GA

May-September 2013

- Customer service, handling phone orders, preparation of food, and delivery to customers

SKILLS

Languages: Spanish

Technical Skills: Python, C++, CUDA, Linux (Ubuntu), LaTeX, Microsoft Office Suite, R, SAS, SQL, PHP

Affiliations: Society of Physics Students

Publications: *Quantitative and Qualitative Stability Analysis of Penta-Rhythmic Circuits*
J. T. Schwabedal, D. E. Knapper, A.L. Shilnikov