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## DEVAN SHANE BUGGAY

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Portfolio: sbuggay.github.io

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### EDUCATION

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**Auburn University**  
*Bachelor of Software Engineering*  
GPA: 3.3

Auburn, AL  
May 2014

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### EXPERIENCE

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**iD Tech Camp**

*Instructor*

Emory, GA. and Washington DC  
Summers of 2011 and 2012

Taught C/C++, Java, Objective-C, and game design. Developed key social skills for working with both adults and children. Honed my ability to come up with a game plan and adhere to strict deadlines. Changed hardware and improved computer components when necessary.

**Knollgrass**

*Front-end Engineer*

Auburn, AL  
2013–2014

Worked with Django developing front-end and middle-ware. Developed solid communication skills with coworkers. Worked on prototyping and designing UI. Dealt with deploying and maintaining of server.

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### NOTABLE PROJECTS

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- **Snarge:** A 3d, top down engine. C++, OpenGL, SFML
- **SpriteBox:** A networked browser-based game engine, designed for playing any board game you have piece images of. HTML, JS, Dart
- **Echelon:** An open source, data persistent, infinitely hierarchical todo list app for iOS. Objective-c
- **SongBar:** A Cocoa application for displaying iTunes or Spotify track information in the menu bar. Objective-c
- **HospitalDB:** A PostgreSQL database with a PHP back-end and Bootstrap front-end. Designed for a hospital-like system. HTML, JS, PHP

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### TECHNICAL EXPERIENCE

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- **Languages:** C/C++, Objective-C, Python, Ruby, Javascript, and PHP
- **Frameworks:** Django and Ruby on Rails
- **Libraries:** SFML, SDL, OpenGL, OpenAL
- Knowledge of \*nix operating systems and inner workings. (Used \*nix system from 2008-present)
- Skilled at building computers, troubleshooting and replacing hardware components.
- Basic circuits and hardware design knowledge.
- Excellent personal skills.

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### ACHIEVEMENTS AND INVOLVEMENTS

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- President of AU Linux Club Auburn University 2013–2014
- AU Linux Club Auburn University 2010–2014
- SPARC Auburn University 2012–2014