Joshua Langley Dowdy

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Local Address: Permanent Address:
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Professional Summary

- Senior in Computer Engineering with a good work ethic, perseverance, and determination who is interested in cooperative education and/or internship opportunities
- Knowledge of C++, Java, MATLAB, and Visual Basic for Applications (VBA)
- Efficient in Python and Verilog

Education

- Bachelor of Science, Computer Engineering, Mississippi State University, Starkville, MS
  December 2015, Overall GPA: 3.12/4.00

- Broadening Participation in Computing (BPC) Program, Mississippi State University, Starkville, MS
  June 2013, GPA: 4.00/4.00

- Associate of Arts, Computer Engineering, Itawamba Community College, Fulton, MS
  August 2011 – July 2013, Overall GPA: 3.08/4.00

Work Experience

Research Assistant, Mississippi State University, Starkville, MS
September 2013 – Present
- Conducting research for the detection of buried explosive hazards using forward looking, long wave, infrared imagery
- Currently investigating the use of the fractional Brownian motion in spatial context preservation, multi-level histogram descriptors using a similar fixed grid pattern, and histogram descriptors using an adaptive region of interest algorithm

SVE Intern, Intel, Columbia, SC
May 2014 – August 2014
- Assisted a member of the SV Core Debug team with the porting of user actions in OpenDebug
- Automated the process of updating and exporting the Labmanager Database to an Excel spreadsheet through extensive use of Python and VBA

Assistant Manager, Cashier, Hatfield's Discount, Pontotoc, MS
May 2013 – August 2013
- Managed eBay sales and distribution
- Organized and maintained stock
- Fixed computers, TVs, and other electronic devices

Cashier, Booneville Supply, Booneville, MS
May 2012 – August 2012
- Received and filled telephone orders for parts.
- Received payment or obtained credit authorization.