

Benjamin Thomas Black

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OBJECTIVE Electrical Engineer in autonomous embedded systems development, consumer or medical field.

EDUCATION South Louisiana Community College, Lafayette, LA (2012-2015)

- Associate of Applied Science, ASLT - Biological Sciences: May 2015
- Phi Theta Kappa International Honor Society Alumni with G.P.A. of 3.91

WORK EXPERIENCE

SELF-EMPLOYMENT/ENTREPRENEUR (2010-Present)

Animétronics

- Designing autonomous and interactive animatronic replicas from video games and other media

Big Ben Chimes

- Hand-crafting custom wind-chimes

Crosswire Media Ministries

- Nonprofit
- Commissioned to video and edit for Spirit U of 2010* (First Baptist Church, Lafayette, LA)

BTB Media

- Editing video and VHS to DVD transfer.
- Contracted to record and edit Web Advertisement Video by Homewood Suites, Baton Rouge (Hilton)
- Installation of PCs, upgrades etc. In-home On-site IT-support

ACTIVITIES AND INTEREST

Cajun Advanced Picosatellite Experiment (2013)

- I²C Accelerometer Subsystem Calibration
- Compiled Block Diagram

Lighting Director/Media Tech Ministry Assistant (2009-2011)

First Baptist Church (Lafayette, LA)

- Volunteer: programming, management and maintenance of lighting and stage equipment.
- Obtained working knowledge of DMX stage lighting protocol

Student Action Leadership Team

First Baptist Church (Lafayette, LA) (2003-2006)

- Volunteer: organized student events

Teen Age Republicans Lafayette Charter Treasurer (Lafayette, LA) (2003-2006)

- Volunteer: managed budget and fund raising

SKILLS SUMMARY

- A combination of Electrical Engineering, Mechanical Design, Information Technology and Media Arts

Software Proficiency: Windows (Legacy through-7), Linux, Microsoft Office, Open Office, Outlook, Thunderbird, Adobe Production Premium, InkScape, Jands Vista Lighting Software

I.T. Skills: Windows partition recovery via Linux, Construction of custom PCs, Disk Imaging, MS/DOS, BASH shell

Cad-Cam Skills: EAGLE CAD, G-Code

Industrial Skills: Soldering (including surface mount), electrical schematic literacy, AVR, BASIC Stamp, PIC)

Engineering / Design Skills: Robotics, Animatronics, PCB design

Programming Skills: BASIC, C++, HTML, WordPress Database setup

Stage Media Skills: Stage Lighting Maintenance, DMX Protocol

AWARDS/ACHIEVEMENTS

- Phi Theta Kappa International Honor Society Alumni (2014)
- MechaCon VIII Platinum Choice Award [for robotic replica] (New Orleans,LA) (2012)