

# DANIEL BRANDON JOHNSON

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Tustin, CA 92782 Cell Phone Email Website

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## ELECTRICAL ENGINEER

To assist in Engineering as a United States citizen and graduate student college intern.

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## ENGINEERING SKILLS

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<i>Accelerometers</i>	<i>Digital Signal processing</i>	<i>Microcontrollers</i>
<i>Altium Designer</i>	<i>Embedded Systems</i>	<i>MPLAB IDE</i>
<i>Assembly Programming</i>	<i>EW MultiSIM and MultiHDL</i>	<i>Nano Electrical Devices</i>
<i>AutoCAD</i>	<i>Feedback Control Systems</i>	<i>PCB Design and Fabrication</i>
<i>Automation</i>	<i>FPGA and VHDL</i>	<i>Robotics, Robotic Arms</i>
<i>C Programming</i>	<i>GPS</i>	<i>Solid State Design</i>
<i>Cadence Pspice Simulations</i>	<i>LabVIEW</i>	<i>SolidWorks</i>
<i>Cadsoft EagleCAD</i>	<i>Mathworks Matlab and Simulink</i>	<i>System Stability</i>
<i>Digital Filter Design</i>	<i>Microchip PIC</i>	<i>Xilinx ISE</i>

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## EDUCATION & CERTIFICATIONS

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### CALIFORNIA STATE UNIVERSITY, FULLERTON — Fullerton, California

In Progress: Expected Completion: 2011

**Masters of Science (MS)** in Electrical Engineering with emphasis in Control Systems Engineering.

Completed:

**Bachelor of Science (BS)** in Electrical Engineering, August 2009.

Electrical Engineering + Physics + Computer Science: **GPA 3.15**

Certifications: **Comptia A+ Hardware Certification**, 2003

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## PROFESSIONAL EXPERIENCE

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### COAST FULFILLMENT CORP. — Ontario, California 2007 - 2009

*Led a team to edit media and upload multimedia to an online ecommerce product catalog.*

### THE LOGO STUDIO. — Riverside, California 2005 - 2007

*Moderated a team to edit media and upload multimedia to the logo product automation system.*

### ICARROTS. — Lake Forest, California 2002 - 2005

*Worked on a team to update the product database for the online prize catalog.*

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## OF NOTE

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### Activities and Club Affiliations:

- ♦ Institute of Electrical and Electronics Engineers (**IEEE.org**). Volunteered as an elected officer of student section and presented workshops to teach peers new skills. Positions held: Project Manager, Webmaster
- ♦ International Society of Automation (**ISA.org**)
- ♦ Presented a neuromuscular electrical stimulator design for biomedical engineering applications at the 2009 Savant International System on a Chip Conference in Newport Beach, California. This research paper won third place, competing against 14 other entries including group research doctorate theses.