

# DHIRAJ BORADE

4000 SW 37TH BOULEVARD, APARTMENT # 133, GAINESVILLE, FLORIDA 32608

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## OBJECTIVE

Actively seeking Summer Internship in order to develop myself into an excellent Computer Engineering professional through continuous learning and research in both technical and managerial aspects of business.

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## EDUCATION

Master of Science: Computer Science (GPA - 3.2), Expected Graduation - May 2018

**University of Florida** - Gainesville, Florida, USA

- Coursework in Distributed Operating Systems Principles, Computer Architecture Principles, Concurrent Programming, Analysis of Algorithms, Database Management Systems and Advance Data Structures.

Bachelor of Engineering: Electronics Engineering (GPA - 3.3), Graduation - May 2013

**University of Mumbai** - Mumbai, Maharashtra, India

- Coursework in Embedded Systems, Real Time Operating Systems, Advance VLSI Design, Neural Networks and Fuzzy Systems, Digital Image Processing Design and Discrete and Continuous Time Signal and Systems.

Licentiate in Engineering: Electronics Engineering (GPA - 3.85), Graduation - May 2010

**Veermata Jijabai Technological Institute** - Mumbai, Maharashtra, India

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## EXPERIENCE

Senior Design Engineer (July 2013 to June 2016)

**Larsen and Toubro Limited** – Mysore, Karnataka, India

- Designed and developed Firmware/Software and Hardware for Single Phase Energy Meter on various platforms viz., Texas Instruments, Renesas and Analog Devices.
- Developed an Android and iOS Application using Android Studio (JAVA) and Xcode (SWIFT) as an Interface to generate Energy Bill by acquiring data from Energy Meter directly to Mobile Phone and also pushed onto the Cloud, to be collected by the Electricity Utility.
- Formulated and analyzed Algorithms during the development of Real Time Operating System of the Energy Meter.
- Customized various communication modules viz., IrDA (Infrared Data Association), Bluetooth Chip and Low Power Communication Modules from Cyan Technologies for communicating with the Single Phase Energy Meter.
- Project Life-Cycle Management of Single Phase Energy Meter.
- Designed circuits and modules and drafted PCB using CAD/CAM tools for achieving immunity to EMI/EMC i.e. Electromagnetic Interference.

Trainee Engineer - Full Time Internship (November 2008 to November 2009)

**APLAB Limited** – Mumbai, Maharashtra, India

- Research and Development of Single and Three Phase Online Uninterruptible Power Supply (UPS) Systems, Frequency Converters, Static Transfer Switch, Inverters and Isolation Transfer.

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## SKILLS

- Proficient in Embedded C, C/C++, C#, Java, JavaScript, Python, PERL, SCALA, Labview, Objective-C, Swift, SQL, Data Structures and Database.
- Operating Systems: Linux/Unix, Mac OS X and Microsoft Windows and Tools.
- VHSIC Hardware Description Language using ISE Simulator from Xilinx, Advance VLSI Design.
- Web Development Tools: CSS, PHP and HTML.
- Experience in IAR Systems for Texas Instruments and Analog Devices, Cubesuite+ for Renesas, Android Studio, Xcode, Eclipse and NetBeans.
- CAD/CAM tools for Printed Circuit Boards.
- Experience in PSpice simulator and Ladder programming for Programmable Logic Controller.
- Experience in Cloud and Mobile Computing, Operating Systems and Internet of Things.

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## ACADEMIC PROJECTS

- Implemented MIPS32 Simulator using Tomasulo Algorithm with Branch Prediction in JAVA – December 2016
- Wireless Home Automation using IoT (Internet of Things) – December 2016
- Implemented 8255A PPI (Programmable Peripheral Interface) on FPGA using VHDL - May 2012

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## ACHIEVEMENTS

- GROUND BREAKER INNOVATION AWARD during the Unit Level Awards 2014-15 of Larsen & Toubro Limited, India
- 2nd Prize in National Level Second PG Symposium for Computer Engineering (CPGCON) 2013 for paper presentation.
- 1st Prize in National Level Debate Competition organized by SV Patel Institute of Technology, India (February 2009).

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Dear Sir/Madam,

I would like to apply for a Summer Internship position in your Organization. I learned of your company through the Career Resource Center at University of Florida, Gainesville. I am currently pursuing my Masters in Computer Engineering at University of Florida, Gainesville and will receive my degree in Spring 2018. While I have a comprehensive Computer Engineering background, my emphasis is on software and firmware development. I feel that your firm places prominence in similar areas and having the privilege of serving as an intern with you will give me that further exposure I need to advance in my career. Also as an experienced software engineer with expert knowledge in C/C++, C#, Objective-C, Swift, Java, JavaScript, LabVIEW, Python, PERL and SCALA, I feel confident that I am the right person to help your Organization reach the next level of success.

I offer 4 years of development experience, a strong aptitude for learning new technologies, and a proven track record of meeting aggressive goals. My most notable skills include:

- **Software/Firmware Development:** I bring over 3 years of experience developing software/firmware and algorithms for real time operating systems for multiple products and clients in various environments. I possess solid knowledge of Embedded C, C/C++, C#, Java, JavaScript, LabVIEW, Python, PERL, SCALA, Objective-C and Swift. I have experience of various operating systems and tools viz., Linux/Unix, Mac OS X and Microsoft Windows. I also possess knowledge of various web development tools such as CSS, PHP and HTML. In addition to this, I have experience in Cloud Computing, Mobile Computing, Operating Systems, Internet of Things, VHDL, PSpice, CAD/CAM Tools and various IDE such as, IAR Systems for Texas Instruments and Analog Devices, Cubesuite+ for Renesas, Android Studio, Eclipse, and NetBeans.
- **Project Management:** I have been successful in providing high-level technical direction to drive projects from conception and design through QA and deployment. Also during my tenure with Larsen and Toubro Limited, I have successfully handled a team of spirited team members.
- **Communication Skills:** I am comfortable communicating with technical and non-technical employees throughout the company in order to complete projects and achieve organizational goals.

Overall, I feel that my knowledge as a programmer and my passion for new technologies makes me the ideal candidate to meet your development needs. I'd be glad to discuss my abilities and background with you in more detail. Thank you for your time and consideration.

Sincerely,  
Dhiraj Borade

Apple

Bing

Google

Yahoo

Database Manage...

Advanced Data St...

Former Students

Pending Requests

Completed Requests

FAQ

▶ My Record

▶ Placement

▼ Degree Audit

Degree Audit

Degree Shopping

Excess Hours Surcharge

Tracking Audit

▶ e-Learning

▼ Registration

Registration Prep

Degree Audit, Reg Start Time, Current Holds

Register Now

Spring

Summer

Fall

My Schedule

Spring

https://student.ufl.edu/cgi-bin/nirvana?MDASTRAN=RSI-XSCRIPT

Search

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Name	BORADE DHIRAJ VASANT	Birthdate	08/03/1990
Class/College	Graduate, ENGINEERING	Major	COMPUTER ENGINEERING
Residency	Alien	Gender	Male

### GRADE/HOUR TOTALS

Hours Earned	Hours Carried	Grade Points	GPA	Deficit Points
6.00	6.00	18.99	3.16	

\*\*\* SPRING 2013 \*\*\*

UNIVERSITY OF MUMBAI  
RECEIVED BACHELOR OF ENGINEERING IN  
ELECTRONICS ENGINEERING

\*\*\*\*\* FALL 2016 \* CLASS = 7 COLLEGE = EG

ADMITTED TO GRADUATE SCHOOL

COURSE	SECT	GRADE	CREDIT	CREDIT EARNED	CREDIT FOR GPA	COURSE TITLE
CDA 5155	1047	W	3.0			COMPU ARCHITECT PRIN
COP 5615	1093	B+	3.0	3.0	3.0	DIST OPER SYS PRINC
COP 5618	19G3	B	3.0	3.0	3.0	CONCURRENT PROGRAM

Calendars/Deadlines

Catalog - Undergrad

Combined Degrees

Commencement Info

Course Evaluations

Course Syllabi

Distance Ed Courses

Exam Schedules

Forms - Registrar

Prestigious National Scholarships

Schedule of Courses

Study Abroad Ops

Ugrad Experience

▶ Advising Info

▶ Financial Info

▶ Grad Student Info

▶ Personal Info

▶ Other Info

FAQ