

# Erica Engineering

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## EDUCATION

Florida Atlantic University  
Bachelor of Science in Computer Science  
GPA: 3.6/4.0

Boca Raton, FL  
December 2015

## RELEVANT COURSEWORK

Introduction to Programming, Foundations of Computer Science, Introduction to Internet Computing, Data Structures, Principals of Software Engineering, Computer Operating Systems

## TECHNICAL SKILLS

Languages: C/C++, C#, Java, JavaScript, PHP/ Visual Basic, Python, SQL, Visual Studio

Web Development: ASP.NET, JQuery, HTML5, CSS3, WordPress

Operating Systems: Linux, UNIX, UNIX shell

Software: MS Project, MS Office, QuickBooks

Hardware: LAN/WAN, Cisco Routers

## ACADEMIC PROJECTS

### Android App Development (*Software Engineering, Summer 2014*)

Designed and created a GPS based Android Application for the FAU Night Owl escort/transportation system. The application includes web-based administration database controls and ensures more accurate location reporting and efficient communication when navigating around campus.

- Tools used: Rational Rose, MS Project, MS Office, Eclipse, Adobe Photoshop, Google Maps API

### HVAC Design (*Applied Thermal Fluids, Spring 2014*)

Calculated the necessary pipe diameters and pump sizes for a pump network detailed in the blueprints for a Boca Raton middle school.

- Used HVAC Solutions fluid analysis software to determine the losses for a complex network featuring a large number of branches, outlets, and gauges in accordance with a minimum peak flow rate and maximum velocity.

## WORK EXPERIENCE

Best Buy

Computer & Tablet Specialist

Sunrise, FL  
August 2013 - Present

- Provide technical support and information about computer and tablet devices
- Assist customers in selecting individual computers and tablets based on preference
- Specialized in IOS, Windows8 and Android Jelly Bean

Central Park Elementary

Child Monitor and Tutor, After School Programs

Boca Raton, FL  
September 2011- June 2013

- Educated children from the ages of 5-10 on reading, writing, and mathematics
- Supervised the children during after school hours
- Encouraged the children to interact with each other by officiating organized sports

## LANGUAGES

Fluent in the written and oral communication of English and Spanish

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