

# SATHVIKA DEVI RAMAJI, E.I.

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## EDUCATION:

University of Miami, Coral Gables, FL

Bachelor of Science in Environmental Engineering, *Magna Cum Laude*, 2019

Master of Science in Civil Engineering (Environmental Emphasis), 3.90 GPA, 2015

University of Bologna, Bologna, Italy

Laurea Magistrale in Ingegneria per l'Ambiente ed il Territorio (Earth Resources Engineering), 2016

## LICENSURE AND CERTIFICATIONS:

Engineer Intern, State of Florida

Florida Department of Transportation Advanced Maintenance of Traffic Certification

Passed Principles and Practice of Engineering (PE) Exam – Civil: Water Resources and Environmental in October 2020

Pursuing Professional Engineer licensure in Florida, District of Columbia, Maryland, and Virginia

## EXPERIENCE:

Chen Moore and Associates, Miami, FL

Associate Engineer (Full Time), November 2016 – Current

Engineering Intern, September 2014 – August 2015

- Lead design of commercial, educational, and governmental land development and infrastructure projects from concept to construction, including development of construction plans, reports, and technical specifications
- Coordinate underground utilities, manage permitting processes, and prepare cost estimates for projects/proposals
- Successfully interface with clients, contractors, and regulatory agencies to achieve project goals in a timely fashion

Florida Transportation Engineering Intern Coalition, Miami, FL

Engineering Intern, May 2014 – August 2014

- Collaborated with Target Engineering Group and Florida DOT to ensure environmental compliance
- Contributed to drainage and roadway design for I-75 Express Lanes (Segment C & D) with Wantman Group, Inc.

Department of Civil, Architectural, and Environmental Engineering, Coral Gables, FL

Research Assistant, May 2013 – May 2015

- Collected and analyzed water samples from National Science Foundation-funded research project EFRI-SEED: Design for Autonomous Net-Zero Water Buildings

## SKILLS:

<i>Proficient</i>	<i>Working Knowledge</i>	<i>Some Experience</i>
Stormwater Management	Project Management	Proposal Writing
Site Design and Grading	AutoCAD Civil 3D	Construction Oversight
Water and Sewer Utility Design	Pump Station Design	Hydraulic Analysis
Technical Report Writing	ArcGIS ArcMap	MATLAB

## AWARDS:

Outstanding Graduating Senior Award in Environmental Engineering Program, UM College of Engineering 2016

First Place in Professional Paper, ASCE Southeast Student Conference 2014

First Place team in FWEA 2014 Student Environmental Design Competition

Student of the Year and Scholarship Winner for Miami-Dade Branch ASCE 2014

## ACTIVITIES AND LEADERSHIP:

American Society of Civil Engineers

Chair of Miami-Dade Branch Engineering Encounters Bridge Design Competition (2018, 2019, and 2020)

Representative of Miami-Dade Branch at Younger Member Leadership Symposium in Washington, DC (2019)

Planning Committee Member for Miami-Dade Branch Field Day (2016-17)

Vice-President Internal of University of Miami Chapter (2014-15)

Regional Conference Logistics Chair for University of Miami Chapter (2013-14)

Captain of University of Miami Chapter Environmental Engineering team for ASCE Southeast Student Conference (2013)

Miami-Dade Chapter Utility Engineering and Surveying Institute, Chair (2019-2020)

Miami-Dade Chapter Environmental & Water Resources Institute, Member

Tau Beta Pi, President of Florida Beta Chapter (2014) and Vice-President of Florida Beta Chapter (2013)

Voting Delegate to National Convention in Ames, Iowa (2013)

Chi Epsilon, Secretary (2014-2015)

University of Miami's National Gandhi Day of Service, Site Leader (2013 & 2012) and volunteer (2011)