**Arrival and Attendance.**

**Exec Team Announcements**

**Secretary**

-N/A

**Treasurer**

**-**N/A

**Communications**

-Working on the Website

**Outreach**

-Great day at Engineering at the Mall

**Events**

-Wed April 24th Ice Skating!

-8 to 930pm

-$5 (?)

**Tutor**

-N/A

**VEISHEA**

-Build Lock-in on Friday (6pm-midnight)

-There will be a shuttle back around 10

-Karaoke

-Movie

-Cupcakes! (thanks Lainey!)

-Pizza

-Think of more group activities or games

-Send Katie music ideas for the parade (family friendly)

-Last weekend to build!

-Try to build at least once!

-The parade is NEXT SATURDAY!!

-10:30 am (plus set up time)

**President**

-Next meeting will be for Parade Prep!

-Next Saturday is the parade

-Please where jeans and FLiE tshirt

**Presentation**

**Rockwell Collins**

Lee Smith (Campus Recruiter)

Shaun Humes – [sbhumes@rockwellcollins.com](mailto:sbhumes@rockwellcollins.com)

-Platform Systems Engineer

-2010 to present

-Aerospace Engineer from Iowa State 2012

General Information

-60 locations, 27 countries

-19,000 employees

-Headquarters 🡪Cedar Rapids, IA

-Other locations include: UK, Brazil, India

-Commercial and Government Applications

-Rockwell Collins Core Expertise

-Cabin Electronics

-Mission Communications

-Simulation and Training

Engineering Fields

-Fighter Jets (F-35 JSF)

-787 (Avionics)

-X.47 (Unmanned work)

-Battle Field communication

-AWACS (missions in the sky)

Engineers Impacting Projects

-Ground approximation warning systems

-displays, flight management systems

-Auto pilot work

-Controls

What Engineering at Rockwell Collins means

-Various Projects

-Reaches global customers

-Diverse engineering

-Competitive and successful

-Stable company

Leadership in Rockwell Collins

-In the past 2 ½ years, 20 outstanding awards

-Top 50 Company for diversity

-1 of the world’s most ethical company

-You can gain….

-General Personal Performance

-Community for Involvement and Leadership

-Higher Education pursuit

-LEAN Engineering

-Striping waste

A day for an Engineer at Rockwell Collins

-Interact with customers

-Update design

-Create Avionics Test

-Systems Labs Testing

-Troubleshoot System

-Analyze Test Data

Career Growth and Opportunities for Shaun

🡪Platform Systems Engineer

-Diverse Engineering

-Program Bidding and Executions

-Technical Project Manager

-Engineering Leaders

-High Customer interaction

-Team Management

-Engineering Management

-Corporation Leadership

(end goal)

FLiE to Rockwell Collings

-Get Co-ops

-Get internships

-Gain Experience

-The earlier you start the better

-Use your time as a student to learn and get involved

Future of Engineering

-Trend 1 Global Growth

-Trend 2 Drive for Information

-Trend 3 Demand for efficiency and cost effectiveness

-Rockwell Collins will always strive to be the best

QUESTIONS

What do you recommend to freshmen who didn’t get an internship for the summer in order to keep preparing for next year’s career fair?

-Learn.

-Reseach companies online, find out about the companies you like

-Keep current with their new projects

-Lay out a plan for yourself for the next few years

-Find companies who do mentoring

What is something you figured out in the first few months on the job you with you had known sooner?

-Work ethic and performance

-how important it is!

-Set goals and accomplish them

What are intern’s roles at Rockwell Collins?

-Get feet wet in engineering

-Utilize what you learn in school

-Testing, design, learn software

How long until you can move up(time frame) in the company?

-The first 2 or 3 levels maybe 5 or 6 years

-Seniority doesn’t really matter there

-If you’re capable you will move up

What programming languages does Rockwell Collins use?

-Java

-Python

-MatLab

-A model based coding system

What was the most valuable course or activity you took away from ISU to prepare you?

-Systems Engineering class

-462 Design Course

-Get involved with professors

-getting a good internship

How valuable is a minor?

-Depends on what you make of it

-How does it compliment your current major

-what you want to do with it

COMMENTS

-Contact Shaun with ideas or questions; he is willing to help and share his knowledge.

\*\*\*Austin will email out info about his presentation, more information, and more contact information!\*\*\*