Technology Consulting Service College Summer Internship

Description

Palitto Consulting Services is a Technology Consulting company located in Wadsworth, Ohio and we specialize in helping businesses make better use of technology. We are looking for a motivated college Junior or Senior that is majoring in Computer Science or Computer Engineering for our summer internship program. We are looking for someone that has reached the point in their education where they are ready to apply what they've learned and are eager to gain real world experience. The successful candidate will be working with our Software Developers, System and Network Administrators, Project Managers and Technical Sales professionals to give you a broad perspective of the entire field. Initially you will be working side by side with our team on real projects for real customers and as you progress, you'll be working more independently with only guidance of our team.

Our goal for this internship program is to help the next generation of professionals entering our industry transition from the theory you learn in school to applied knowledge in a business environment. In keeping with the goal to help the next generation, we will assign you an independent project to design, develop and implement a 2-week long internship program for four high school students working toward their STEM Honors Diploma. This will give you an opportunity to experience working as a technical lead while showing off your technical skills, all while you help guide these students as they prepare to enter a college curriculum similar to your own.

During your time with us, you will be working with an intern supervisor and multiple mentors. The supervisor will coordinate your time and assignments with the mentors and is your go-to person for any problems you may be experiencing. The supervisor will also meet with you and possibly your mentors every Friday afternoon for a quick standup meeting to go over what you accomplished that week, what you will be working on next week and to identify any obstacles you foresee. It will also be an opportunity to have a two way dialog on how the internship is going and to provide feedback on what's going well and what needs improvement, the emphasis being on "two way" since we want you to grow and improve but we want to grow and improve too. Your mentors are Software Development professionals and System/Network Administration professionals that will provide you guidance with your assigned tasks. One of our goals is to provide you with experience in as many facets of the computer industry as we can so you come away from the experience with a broader understanding of the field. We will try to adjust the amount of time spent between the Software development team and the Systems team based on your personal goals. With every job there also comes some grunt work but not with this job. Just kidding, there will be some boring tasks but they will always be relevant; no filing, no answering phones and no making coffee except for yourself. For example, in the past we've had some large deployment projects where we would go into a customer's building on a Saturday morning and replace a large amount of hardware. This is not common but you may be pulled into a project like this.

An important part of this internship is the independent project. You will be tasked with designing, developing and implementing an internship program for a small group of HS STEM Honors students. This will be your largest assignment accounting for roughly 50% of your time. You will work closely with our team at the start of the project as you develop the concept. Obviously, it will need to be technology oriented and we like the idea of it being community service oriented as well. Beyond that, we're open to ideas from sensors in public garbage cans that will notify someone when it's full, to working with a local charity to develop an app or web site that helps them provide better service, to a Big Data/AI analysis of some public data that provides valuable insights to the community. Once we all agree on an idea, you'll have roughly 4hrs/day for 6 weeks to design and develop a two-week long internship program around the selected idea for your team of four interns. You will almost certainly have to prototype the idea to prepare for any unexpected obstacles since it doesn't take much to derail a 2-week project but the idea will need to be substantial enough to keep your team busy for the entire 2 weeks. At the end of the 6 weeks of preparation, you will then be responsible for running your 2-week internship program with four local STEM Honors students. This project will be your

chance to showcase both your technical skills and your leadership ability and if done well it will make your resume stand out amongst all of the new graduates applying for their first jobs.

Our plan is for this paid internship to go from 5/24 – 8/21, working 40 hours/week at our office in Wadsworth Ohio. You'll be expected to work the same hours as the rest of the team which is 8AM to 5PM every day with an hour lunch except Monday when we start at 7:30AM for our team meeting. There is a chance that we will schedule you to work one to three Saturdays during the summer to assist with a hardware deployment. We understand that summer is your chance to spend time with family so we anticipate that you may want to take one week off (unpaid) during the internship but it can't be when HS STEM Internship is scheduled since those interns will be counting on you to be there.

Internship Timeline

- **March 28 to April 13:** PCS to Review Applicants
- **April 1 to April 13:** Interview Applicants
- **April 13:** Target to Notify Selected Intern
- **May 24:** Internship Start Date
- **July 16 to July 27:** Implement Independent Project (HS STEM Internship)
- **August 14 to August 21**: Internship End Date

Rough Breakdown

Week 1 : 100% Shadowing

- Team meetings every Monday at 7:30AM
- Developer meetings, every other Monday at 10:00AM
- Software Development to get familiar with projects we are currently working on
- Systems/Network Administration
- Project Management Planning, Time Management
- Customer relations/Sales both off-site and phone
- Standup status meeting with Internship Supervisor every Friday afternoon

Weeks 2-7 : 50% Billable work for customers and 50% Independent Project

- 50% Billable work for customers
  - Software development work debugging and fixing problems identified by customer under the guidance of mentor
  - Systems/Network Administration work diagnosing problems, recommending/implementing fixes under the guidance of mentor
- 50% Independent project
  - Brainstorm ideas for a HS STEM Honors internship with supervisor and mentors
  - Design HS STEM Honors internship
    - Create plan/timeline for the development phase of the project
    - Identify any equipment that will be needed
  - Develop/Prototype internship
    - Manage your time, 7 weeks will pass very quickly
  - Meet regularly with supervisor to review your progress, ensure you're on schedule to meet your timeline and to coordinate assistance from any mentor
    - We're not that formal and you can really walk over to anyone for assistance any time you need it but not all jobs are that informal

Weeks 8-9 : 100% Run HS Stem Honors internship

- Run the internship just like an engineering team
  - Review the requirements with your team
  - Develop a plan (even though you've already developed a plan, guide them through the process)
  - Divide the work up between the team (you're not teaching students, you're a team of engineers, pair programming is probably a good idea though)
  - Divide the work up over the 10 days so you can tell how fast the team is moving (it might be a good idea to shoot for a project that should take six days and then have several enhancement ideas that can be added as 'new requirements from the customer' in the time remaining)
- Have a standup meeting with your team every morning (or evening) to go over; what's been completed, what's next, what obstacles does your team anticipate so you can remove those obstacles. It shouldn't take more than 5 minutes "which isn't enough time to sit down, that's why it's a standup meeting" but you can do it sitting down if you want.
- Coordinate any assistance you'll need during these two weeks with your supervisor.
  - We want to help but we also want you to drive the process during these two weeks so you have to ask for whatever resources you'll need. Since we all have multiple assignments, giving us advance notice that you're counting on help would be nice but someone will always be in the office in a pinch.

Weeks 10-11 : 100% Billable work for customers

- Software development work debugging and fixing problems identified by customer under the guidance of mentor
- Systems/Network Administration work diagnosing problems, recommending/implementing fixes under the guidance of mentor

To apply, please complete our online form