



DONNA KLEIN JEWISH ACADEMY

High School (9-12) Computer Science & Engineering Specialist

The Donna Klein Jewish Academy is a K-12 college preparatory community Jewish day school, committed to providing our students with a holistic educational experience that fuses learning with character development rooted in Judaic teachings. Located on the South Palm Beach Jewish Federation campus in Boca Raton, Florida, DKJA administration, faculty, and students immerse themselves in neighboring communal organizations to enrich the curriculum experience by developing learning opportunities related to engineering, legal studies, medical studies, and leadership. We invite you to learn from our inspirational instructors and to discover an education of extraordinary power and purpose that will cultivate the next generation of Jewish leaders.

START DATE: 2022-2023 Academic School Year

POSITION SUMMARY:

The High School (9-12) Computer Science & Engineering Specialist works closely with the High School leadership team and faculty to implement a strategic vision for innovation, computer science, instructional design, and engineering. We are seeking a dynamic visionary to ensure all areas of the curriculum align with the strategic vision and mission of the school. This position reports to the Director of Educational Technology & Innovation and serves as a member of the IT team.

Main areas of responsibilities are:

- Deliver direct instruction on AP Computer Science Principles courses.
- Deliver direct instruction of AP Computer Science A courses.
- Oversee and facilitate the DKJA Signature Engineering program in partnership with FAU i-SENSE Research Lab.
- Mentor and coach competitive robotics, engineering, and/or computer science related teams.
- Assist in facilitating professional development and growth experiences for faculty in areas of technology integration and instructional design.
- Inspire and further develop a culture of innovation, exploration, and problem solving to meet the ever-evolving needs Donna Klein Jewish Academy.

ESSENTIAL JOB DUTIES:

- Stay abreast of current technologies, pedagogies, and curriculum trends and collaboratively work to implement those initiatives that further enhance the strategic goals of the school.

- Provide in-service training to faculty as requested.
- In close collaboration with the High School leadership team, Educational Technology Administrator, and teachers, plan lessons and provide instruction for students and teachers on essential technology and innovation skills such as: digital fluency skills, digital citizenship, computer science, maker skills (testing, prototyping, iteration, evaluating, 2D/3D design), etc.
- Attend grade-level and department meetings to help teachers in planning and suggest ways to integrate technology through Project-Based Learning (PBL).
- Work collaboratively with the Director of Educational Technology & Innovation to make recommendations for technology that supports curricular and administrative goals.
- Assist teachers in using technology effectively for assessing student learning, differentiating instruction, and providing rigorous, relevant, and engaging learning experiences for all students.

SKILLS/QUALIFICATIONS:

- Bachelor Degree required. A Master's Degree in a related field is preferred.
- Experience managing computer science and engineering curriculum.
- Strong background in a variety of effective instructional strategies such as Design Thinking, Project and Problem Based Learning, Computer Science Education, Assistive Technology, Instructional Design, etc.
- Extensive and successful background of secondary education.
- Minimum knowledge of Python, Java, and Javascript programming languages.
- Knowledge of 2D/3D design software such as Adobe Illustrator, InDesign, TinkerCad, Fusion360, and AutoDesk.
- Familiarity with First Robotics
- Strong written and verbal communication skills to facilitate effective communication with students, parents, colleagues, and supervisors.
- Passion, integrity, positive attitude, mission-driven, and self-directed.
- Strong leadership and interpersonal skills.
- Ability to manage competing demands and adapt to frequent changes.
- Perform other duties as assigned by position and as assigned by supervisors.

Compensation and Benefits:

DKJA offers their employees comprehensive benefits packages including: health, dental, and vision, short and long-term disability, 403b retirement plan, legal plan, supplemental plans and travel assistance. Additionally, we also offer a generous tuition remission discount 75% for children attending DKJA.

Salary is commensurate with experience.

To Apply: Please email resumes to: Alexis Cobo, coboa@dkja.net