JEAN-SEBASTIEN RATEAU He/Him

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EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems New York, NY
BS in Computer Science | **Concentration**: Software Development | **GPA: 3.32** May, 2026

PERSONAL PROJECTS

WeBloom Educational App Prototype May 2025 - Present
- Designed and developed an interactive financial-literacy app for 10-12 year olds, including user personas, objectives, and full lesson flow.
- Created wireframes and complete UI/UX in Figma, then built the prototype in React with smooth transitions, interactive modules, and Lottie animations.
- Collaborated with freelance designers and animators on character design, visual style, and animation pacing; managing milestones and revisions for investor presentations.

Secure Identity Verification App Development GitHub November 2024
- Engineered a facial verification system using Python, FastAPI, and OpenCV, enabling image comparison between ID and selfie for secure identity validation.
- Built a modern Android UI with Figma and XML, implemented Retrofit API communication, and integrated Firebase for email and phone authentication.

PROFESSIONAL EXPERIENCE

Pace University Learning Commons New York, NY
Peer Tutor (Math & Computer Science) July 2025 – Present
- Tutor students in mathematics and computer science courses, including advanced Python, helping them strengthen problem-solving skills and course comprehension.
- Lead one-on-one sessions using a structured 12-step tutoring framework focused on identifying challenges, breaking down tasks, guiding though processes, and building academic confidence.
- Document session notes and learning outcomes to support student progress and maintain instructional consistency across the tutoring program.

Fiverr Freelance Fiverr Remote
UI/UX Development May 2024 – Present
- Designed UI/UX for multiple client projects, including a 20-screen word search game, a full website for a vehicle rental company, LinkNLift workout app redesign; demonstrating versatility across mobile, web, and product UI.
- Consistently rated 5 stars and noted as "great to work with" by all clients; deliver polished, user-friendly interfaces through clear communication, quick turnaround, and attention to client requirements.

AMARD&V (Artists Mentoring Against Racism Drugs & Violence) New Brunswick, NJ
Fellow (Program Mentor and Counselor) June 2024 – August 2024
- Mentored at-risk youth (ages 10-16) from underserved Latino/a and African American communities, facilitating arts workshops to foster creativity and address issues like racism, violence, and substance abuse.
- Collaborated with health educators to lead discussions on social-emotional health and conflict resolution, empowering students to build confidence, resilience, and leadership skills.

RELEVANT COURSEWORK

Scaled Twitter Clone | Internet and Distributed Computing GitHub May 2025
- Developed a scaled-down social media app using PythonAnywhere for hosting. AWS S3 for image storage, and DynamoDB for managing users, posts, and replies.
- Implemented secure signup/login, dynamic feeds, profile photo upload, and comment threading with Python, Flask, and HTML/CSS.

TECHNICAL SKILLS

Programming Languages: Python, React JS, Kotlin, Java, R, HTML, CSS, JavaScript
Software / Tools: VS Code, WebStorm, Android Studio, Python Anywhere, Anaconda, Eclipse, R Studio